Instrument Transformer Reference Guide

Meter and Relay Applications for the Electrical Industry

Power and productivity for a better world™

Courtesy of store.ips.us

General Index Guide

600 Volt Current Transformers

Primary current	Type	Product bulletin	Page
50 thru 1000	**IMC**	1VAP428101-DB	8-9
100 thru 800	**CBT-S, CBT/1**	1VAP428111-DB	10-11
100 thru 800	**CBT-H**	1VAP428111-DB	12-13
200 thru 600	**CSF**	1VAP428131-DB	14-15
200 thru 800	**CSH**	1VAP428141-DB	16
200 thru 300	**CMS**	1VAP428151-DB	17
50 thru 1200	**CMF-S, CMF**	1VAP428181-DB	18-21
100 thru 4000	**CMV-S, CMV**	1VAP428201-DB	22-23
200 thru 4000	**CMV-Hi Temp**	1VAP428201-DB	24-25
600 thru 4000	**CLC-S, CLC**	1VAP428241-DB	26-35
50 thru 4000	**DEH-705**	1VAP701011-DB	36-37
1000 thru 6000	**CLE**	1VAP428261-DB	38-39
100 thru 6000	**CEH-636**	1VAP701031-DB	40-41
600 thru 4000	**RLC**	1VAP428281-DB	42-45
50 thru 6000	**SCT-983**	1VAP701051-DB	46-47
200 thru 4000	**RMB(X)-644**	1VAP701081-DB	48-49

600 Volt Voltage Transformers

Primary voltage	Type	Product bulletin	Page
240 thru 600	**PPW, PPD**	1VAP428711-DB	50-51
120 thru 600	**PPM**	1VAP428731-DB	52-53
60 thru 480	**PPX**	1VAP428731-DB	52-53

5 kV - 36 kV Current Transformers

Class	Type	Product bulletin	Page
5 kV Indoor	**KIR-60**	1VAP429141-DB	54-55
5 kV Indoor	**TD-994**	1VAP701141-DB	56-57
5 kV Indoor	**RMB(X)-631**	1VAP701131-DB	58-59
5 kV Indoor	**KIT-60**	1VAP429151-DB	60-61
5 kV Outdoor	**KOR-60**	1VAP429201-DB	62-63
5 kV Outdoor	**KOT-60**	42-930	64-65
8.7 kV Indoor	**HSB-994**	1VAP701151-DB	66-67
8.7 kV Indoor	**HTD-994**	1VAP701161-DB	68-69
8.7 kV Indoor	**STBB-991/992**	1VAP701171-DB	70-71
8.7 kV Indoor	**KIR-75**	1VAP429141-DB	72-73
8.7 kV Indoor	**KIT-75**	1VAP429151-DB	74-75
8.7 kV Outdoor	**KOR-75**	1VAP429201-DB	76-77
8.7 kV Outdoor	**KOT-75**	42-930	78-79
15 kV Indoor	**KIR-11, 11ES**	1VAP429141-DB	80-83
15 kV Indoor	**KIT-11**	1VAP429151-DB	84-85
15 kV Outdoor	**KON-11ER**	1VAP429242-DB	86-87
15 kV Outdoor	**KON-11**	1VAP429241-DB	86-87
15 kV Outdoor	**KOR-11, 11E**	1VAP429221-DB	88-91

store.ips.us

Courtesy of store.ips.us

5 kV - 36 kV Current Transformers (cont'd)

Class	Type	Product bulletin	Page
15 kV Outdoor	**KOT-11**	42-930	92-93
15 kV Outdoor	**LG(X)-15-585**	1VAP701181-DB 1VAP701182-DB	94-95
15 kV Outdoor	**LG(X)-15-683**	1VAP701191-DB	96-97
15 kV Outdoor	**LG-15-879**	1VAP701201-DB	98-99
15 kV Outdoor	**LG(X)-15-6513**	1VAP701211-DB	100-101
15 kV Outdoor	**KOTD-110**	42-940	102-105
25 kV Indoor	**KIT-15**	1VAP429151-DB	106-107
25 kV Outdoor	**KOT-15**	42-930	108-109
25 kV Outdoor	**KOR-15CER**	1VAP429272-DB	110-111
25 kV Outdoor	**KOR-15C**	1VAP429271-DB	112-113
25 kV Outdoor	**KOR-15CE**	-	114-115
25 kV Outdoor	**KOTD-150**	42-940	116-119
25 kV Outdoor	**LG(X)-25-585**	1VAP701221-DB 1VAP701222-DB	120-121
25 kV Outdoor	**LG-25-879**	1VAP701231-DB	122-123
25 kV Outdoor	**LG(X)-25-6513**	1VAP701241-DB	124-125
34.5 kV Outdoor	**KOR-20ER**	1VAP429283-DB	126-127
34.5 kV Outdoor	**KOR-20**	1VAP429282-DB	128-129
34.5 kV Outdoor	**KOR-20E**	-	130-131
34.5 kV Outdoor	**LG(X)-34-879**	1VAP701251-DB 1VAP701252-DB	132-133
34.5 kV Outdoor	**KOTD-200**	42-940	134-137

5 kV - 36 kV Voltage Transformers

Class	Type	Product bulletin	Page
5 kV Indoor	**VIY-60**	1VAP429511-DB	138-139
5 kV Outdoor	**VOY-60**	1VAP429611-DB	140-141
8.7 kV Indoor	**VIZ-75, 75E**	1VAP429551-DB	142-145
8.7 kV Outdoor	**VOZ-75, 75E**	1VAP429631-DB	146-147
15 kV Indoor	**VIL-95, 95S**	1VAP429581-DB	148-149
15 kV Indoor	**VIZ-11, 11E**	1VAP429551-DB	150-155
15 kV Outdoor	**VOZ-11E**	-	156-157
15 kV Outdoor	**VOY-11**	1VAP429631-DB	156-157
15 kV Outdoor	**VOG-11**	1VAP429651-DB	158-159
15 kV Outdoor	**VOZ-11**	1VAP429631-DB	160-161
15 kV Outdoor	**VOZ-11M**	1VAP429632-DB	160-161
25 kV Indoor	**VIL-12, 12S**	1VAP429581-DB	162-163
25 kV Indoor	**VIZ-12, 12G**	1VAP429762-DB	164-165
25 kV Indoor	**VIZ-15, 15G**	1VAP429761-DB	166-167
25 kV Indoor	**VIZZ-15, 15G**	1VAP429591-DB	168-169
25 kV Outdoor	**VOY-15, 15G**	1VAP429701-DB	170-171
25 kV Outdoor	**VOZ-15, 15E**	1VAP429711-DB	170-171
25 kV Outdoor	**VOZZ-15, 15G**	1VAP429781-DB	172-173
34.5 kV Indoor	**VIZ-20, 20G**	1VAP429601-DB	174-175
34.5 kV Outdoor	**VOY-20, 20G**	1VAP429741-DB	176-177
34.5 kV Outdoor	**VOZ-20**	1VAP429751-DB	178-179
34.5 kV Outdoor	**VOHD-200, 200G**	42-977	180-181
34.5 kV Outdoor	**VOZZ-20, 20G**	1VAP429791-DB	180-181

15-36 kV Combined Current and Voltage Transformers

Class	Type	Product bulletin	Page
15 kV Outdoor	**CVC-110ER (PUR)**	1VAP429992-DB	182-183
15 kV Outdoor	**CVC-110ER (HCEP)**	1VAP429993-DB	182-183
25 kV Outdoor	**CVC-150**	1VAP429991-DB	184-185
36 kV Outdoor	**CVC-200**	1VAP429996-DB	184-185

Custom Engineered Designs

Class	Type	Product bulletin	Page
Multi-Ratio	**A-Auto**	42-852	186-187
600 Volt	**FSR-983**	1VAP701061-DB	186-187
600 Volt	**PSH-993**	1VAP701071-DB	188-189
Multi-Ratio	**Auxiliary**	1VAP428501-DB	190-191
600 Volt	**ACT-983**	1VAP701111-DB	192-193
600 Volt	**ACT-633/645**	1VAP701101-DB	194-195
600 Volt	**APT-646/733**	1VAP701091-DB	196-197
600 Volt	**BYZ-863/865**	1VAP701291-DB	198
600 Volt	**PSZ-981**	1VAP701281-DB	198
600 Volt	**BCT-605/BH-001**	1VAP428582-DB	199
600 Volt	**SP-061**	1VAP701301-DB	199
600 Volt	**CO-9740**	1VAP701121-DB	200-201
600 Volt	**SCADA-BEH**	1VAP701001-DB	202-203
600 Volt	**SCADA-DEH**	1VAP701021-DB	204-205
600 Volt	**SCADA-CEH**	1VAP701041-DB	206-207
600 Volt	**PS-981/PH-982**	1VAP701261-FL	206-207
600 Volt	**ACCUSlip™**	1VAP701261-FL	208-209
600 Volt	**PSG-981**	1VAP701331-DB	210
600 Volt	**GCT-848/HW-945/ GCT-802 & ISO-Phase Bus**	-	211

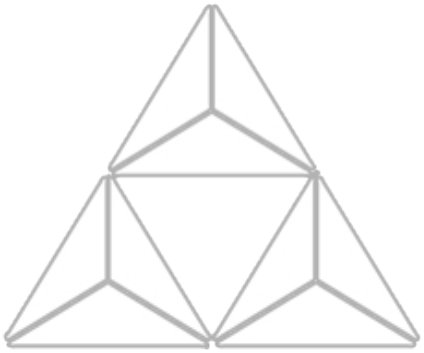
Sensors

Class	Type	Product bulletin	Page
15 kV Current/Voltage	**VCS-110**	1VAP500007-DB	212-213
15 kV Current/Voltage	**WLS-110**	1VAP500002-DB	214-215
15 kV Current	**VKS-110**	1VAP500008-DB	216-217
15 kV Current	**KLS-110**	1VAP500003-DB	218-219
		1VAP500001-DB	
		1VAP500005-DB	
15, 25, 35 kV Voltage	**VLS-110, -150, -200**	1VAP500006-DB	220-221
15 kV Split-core	**LVS**	1VAP500004-DB	222-223

Application Data	224-227
Accuracy Standards	228-229
Instrument Transformer Type Designations	230-231
Competitor Cross-Reference	232
Testing Services	233
HCEP Material	233

store.ips.us

Courtesy of store.ips.us



The transformers listed in this guide represent those most commonly built for the electric utility industry but are a small sample of what we actually offer. For special designs or units not listed, please contact your local ABB representative.

VT Voltage Designations

14400/24940Y
This unit is rated for 14400 operating volts. It can be connected at 14400 volts line-to-ground on a 24940 volt system (line-to-line Volts are 24940 V) OR it can be connected line-to-line on a system with 14400 V line-to-line. This unit is not suitable for operation at 24940 volts. The "Y" indicates it has two fully insulated bushings, suitable for line-to-line connection.

14400/24940GY
This unit is rated for 14400 operating volts. It can be connected at 14400 volts line-to-ground on a 24940 V system (line-to-line volts are 24940 V). It CANNOT be connected line-to-line. The “GY” indicates it only has one fully insulated bushing, making it suitable for line-to-ground connection only.

14400/14400Y
This unit is rated for 14400 operating volts. It can be connected at 14400 V line-to-line.

store.ips.us

14400/14400GY
This unit is rated for 14400 operating volts; however, it can only be connected line-to-ground on a 14400 V system. Therefore, the actual operating voltage of the unit is 14400/1.73. The accuracy and thermal ratings of this unit are based on 14400 V. This is typical where there is a relay connected to the unit which should operate when there is a single line-to-ground fault. In this condition, the line-to-ground voltage becomes equal to the line-to-line voltage. This unit is not suitable for line-to-line connection as indicated by the “GY”.

CT Rating Factors:
Rating factors given in this brochure are standard at 30º C. See the thermal loading guide on page 225 for derating for higher average ambient temperatures.

Transformers in this booklet conform to the following standards where applicable:
- IEEE Standard Requirements for Instrument Transformers, C57.13–1993.
- IEEE Standard for Instrument Transformers for Metering Purposes, 15 kV and less, C12.11–1987.
- IEEE Standard for High Accuracy Instrument Transformers, C57.13.6–2005.

Courtesy of store.ips.us

TYPE IMC

1VAP428101-DB

600 volts
Indoor/outdoor
10 kV BIL
25-400 Hertz

UL Recognized Component

TYPE IMC

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
50	7524A98G11	2.4	–	–	2.5	2.0	1.5	5.47	4.72	2.0	3.5
100	7524A98G01	1.2	–	–	2.5	2.0	1.5	5.47	4.72	2.0	3.5
150	7524A98G02	1.2	1.2	–	2.5	2.0	1.5	5.47	4.72	2.0	3.5
200	7524A98G03	0.6	1.2	2.4	2.5	2.0	1.5	5.47	4.72	2.0	3.5
250	7524A98G04	0.6	1.2	2.4	2.5	2.0	1.5	5.47	4.72	2.0	3.5
300	7524A98G05	0.6	0.6	0.6	2.5	2.0	1.5	5.47	4.72	2.0	3.5
400	7524A98G06	0.6	0.6	0.6	2.5	2.0	1.5	5.47	4.72	2.0	3.5
500	7524A98G07	0.3	0.3	0.6	2.5	2.0	1.5	5.47	4.72	2.0	3.5
600	7524A98G08	0.3	0.3	0.6	2.5	1.5	1.2	5.47	4.72	2.0	3.5
800	7524A98G09	0.3	0.3	0.3	2.5	1.33	1.0	5.47	4.72	2.0	3.5
1000	7524A98G10	0.3	0.3	0.3	2.5	1.0	0.75	5.47	4.72	2.0	3.5

store.ips.us

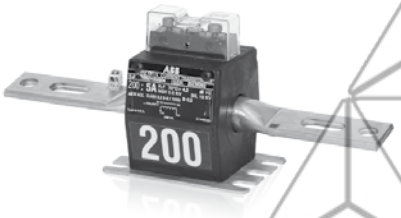
Optional accessories: Mounting feet (set of 2), style 9628A05G01

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

TYPES CBT-S and CBT/1

1VAP428112-DB and 1VAP428111-DB



600 volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

IPS

	Primary Amps	Style Number	IEEE Metering Accuracy	Base type	Window Diam. (in.)	Rating Factor 30°C	Rating Factor 55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE CBT-S	600	923A496G01	0.15SB-0.2	None	With bar	2.0	1.5	4.51	3.31	12.12	6.5
	600	923A496G02	0.15SB-0.2	Flat	With bar	2.0	1.5	4.60	3.37	12.12	6.5
	600	923A496G03	0.15SB-0.2	High	With bar	2.0	1.5	6.50	5.25	12.12	6.7
	600	923A516G01	0.15SB-0.2	None	1.07	2.0	1.5	4.51	3.31	4.63	4.0
	600	923A516G02	0.15SB-0.2	Flat	1.07	2.0	1.5	4.60	3.37	4.63	4.0
	600	923A516G03	0.15SB-0.2	High	1.07	2.0	1.5	6.50	5.25	4.63	4.2

The CBT-S is part of ABB's AccuRange™ current transformer portfolio of products.

store.ips.us

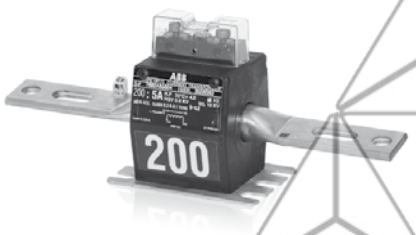
	Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	Window Diam. (in.)	Rating Factor 30°C	Rating Factor 55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE CBT/1	100	7882A77G01	0.3	–	–	–	4.0	3.0	4.51	3.31	11.87	2.8
	200	7882A77G04	0.3	0.3	–	–	2.0	1.5	4.51	3.31	11.87	2.8
	300	7882A77G07	0.3	0.3	–	–	2.0	1.5	4.51	3.31	11.87	3.1
	400	7882A77G10	0.3	0.3	–	–	2.0	1.5	4.51	3.31	11.87	3.1
	500	7882A77G13	0.3	0.3	–	–	2.0	1.5	4.51	3.31	12.12	3.8
	600	7882A77G16	0.3	0.3	–	–	2.0	1.5	4.51	3.31	12.12	4.0
No base	800	7882A77G19	0.3	0.3	–	–	1.5	1.2	4.51	3.31	12.12	4.0
	100	7882A77G02	0.3	–	–	–	4.0	3.0	4.60	3.37	11.87	2.8
	200	7882A77G05	0.3	0.3	–	–	2.0	1.5	4.60	3.37	11.87	2.8
	300	7882A77G08	0.3	0.3	–	–	2.0	1.5	4.60	3.37	11.87	3.1
	400	7882A77G11	0.3	0.3	–	–	2.0	1.5	4.60	3.37	11.87	3.1
Flat base	500	7882A77G14	0.3	0.3	–	–	2.0	1.5	4.60	3.37	12.12	3.8
	600	7882A77G17	0.3	0.3	–	–	2.0	1.5	4.60	3.37	12.12	4.0
	800	7882A77G20	0.3	0.3	–	–	1.5	1.2	4.60	3.37	12.12	4.0
	100	7882A77G03	0.3	–	–	–	4.0	3.0	6.50	5.25	11.87	3.0
	200	7882A77G06	0.3	0.3	–	–	2.0	1.5	6.50	5.25	11.87	3.0
	300	7882A77G09	0.3	0.3	–	–	2.0	1.5	6.50	5.25	11.87	3.3
	400	7882A77G12	0.3	0.3	–	–	2.0	1.5	6.50	5.25	11.87	3.3
High base	500	7882A77G15	0.3	0.3	–	–	2.0	1.5	6.50	5.25	12.12	4.0
	600	7882A77G18	0.3	0.3	–	–	2.0	1.5	6.50	5.25	12.12	4.2
	800	7882A77G21	0.3	0.3	–	–	1.5	1.2	6.50	5.25	12.12	4.2

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

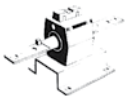
TYPE CBT-H

1VAP428111-DB



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

IPS

	Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
No base	100	7882A78G22	0.3	0.3	–	-	4.0	3.0	4.62	3.37	11.87	4.2
	200	7882A78G04	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	11.87	4.2
	300	7882A78G07	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	11.87	3.4
	400	7882A78G10	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	11.87	3.4
	500	7882A78G13	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	12.12	4.3
	600	7882A78G16	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	12.12	4.4
	800	7882A78G19	0.3	0.3	0.3	-	1.5	1.2	4.62	3.37	12.12	4.4
Flat base	100	7882A78G23	0.3	0.3	–	-	4.0	3.0	4.62	3.37	11.87	4.2
	200	7882A78G05	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	11.87	4.2
	300	7882A78G08	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	11.87	3.4
	400	7882A78G11	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	11.87	3.4
	500	7882A78G14	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	12.12	4.3
	600	7882A78G17	0.3	0.3	0.3	-	2.0	1.5	4.62	3.37	12.12	4.4
	800	7882A78G20	0.3	0.3	0.3	-	1.5	1.2	4.62	3.37	12.12	4.4
 **High base**	100	7882A78G24	0.3	0.3	–	-	4.0	3.0	6.63	5.25	11.87	4.2
	200	7882A78G06	0.3	0.3	0.3	-	2.0	1.5	6.63	5.25	11.87	4.3
	300	7882A78G09	0.3	0.3	0.3	-	2.0	1.5	6.63	5.25	11.87	3.5
	400	7882A78G12	0.3	0.3	0.3	-	2.0	1.5	6.63	5.25	11.87	3.5
	500	7882A78G15	0.3	0.3	0.3	-	2.0	1.5	6.63	5.25	12.12	4.4
	600	7882A78G18	0.3	0.3	0.3	-	2.0	1.5	6.63	5.25	12.12	4.5
	800	7882A78G21	0.3	0.3	0.3	-	1.5	1.2	6.63	5.25	12.12	4.5
Without primary bar	100	7882A87G08	0.3	0.3	–	+ NB 1.07	4.0	3.0	4.62	3.37	3.0	2.8
	100	7882A87G09	0.3	0.3	–	+ FB 1.07	4.0	3.0	4.62	3.37	3.0	2.8
	100	7882A87G10	0.3	0.3	–	+ HB 1.07	4.0	3.0	4.62	3.37	3.0	2.8

+ NB = No Base, FB = Flat Base, HB = High Base

storeipsus

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

TYPE CSF

1VAP428131-DB

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

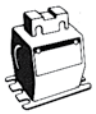
Optional accessories:

Primary bar for 1.5" window	9628A05G09
Primary bar for 2.0" window	9628A05G10

IPS

No base

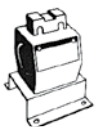
Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	7524A85G01	0.3	0.3	–	1.5	3.0	2.0	4.85	3.5	3.32	3.75
300	7524A85G02	0.3	0.3	–	1.5	2.0	1.5	4.85	3.5	3.32	3.75
400	7524A83G02	0.3	0.3	–	2.0	2.0	1.5	4.85	3.5	3.32	2.25
600	7524A83G03	0.3	0.3	–	2.0	1.5	1.2	4.85	3.5	3.32	2.25



Flat base

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	7524A85G03	0.3	0.3	–	1.5	3.0	2.0	4.94	3.5	5.25	4.0
300	7524A85G04	0.3	0.3	–	1.5	2.0	1.5	4.94	3.5	5.25	4.0
400	7524A83G05	0.3	0.3	–	2.0	2.0	1.5	4.94	3.5	5.25	2.5
600	7524A83G06	0.3	0.3	–	2.0	1.5	1.2	4.94	3.5	5.25	2.5

store.ips.us



High base

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	7524A85G05	0.3	0.3	–	1.5	3.0	2.0	6.54	5.25	4.50	4.0
300	7524A85G06	0.3	0.3	–	1.5	2.0	1.5	6.54	5.25	4.50	4.0
400	7524A83G08	0.3	0.3	–	2.0	2.0	1.5	6.54	5.25	4.50	2.5
600	7524A83G09	0.3	0.3	–	2.0	1.5	1.2	6.54	5.25	4.50	2.5

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

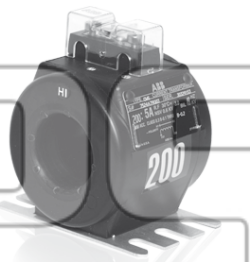
TYPE CSH

1VAP428141-DB

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

TYPE CMS

1VAP428151-DB



600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

IPS

	Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE CSH	200	7526A90G01	0.3	0.3	0.3	1.5	3.0	2.2	5.41	4.0	3.87	7.25
	300	7526A90G02	0.3	0.3	0.3	1.5	2.0	1.5	5.41	4.0	3.87	7.25
	400	7526A90G03	0.3	0.3	0.3	2.0	2.0	1.5	5.41	4.0	3.87	6.0
	500	7526A90G04	0.3	0.3	0.3	2.0	2.0	1.5	5.41	4.0	3.87	5.5
	600	7526A90G05	0.3	0.3	0.3	2.0	2.0	1.5	5.41	4.0	3.87	5.2
	800	7526A90G06	0.3	0.3	0.3	2.0	1.5	1.2	5.41	4.0	3.87	5.0
No base												
	200	7526A90G11	0.3	0.3	0.3	1.5	3.0	2.2	5.53	5.62	3.87	7.50
	300	7526A90G12	0.3	0.3	0.3	1.5	2.0	1.5	5.53	5.62	3.87	7.50
	400	7526A90G13	0.3	0.3	0.3	2.0	2.0	1.5	5.53	5.62	3.87	6.25
	500	7526A90G14	0.3	0.3	0.3	2.0	2.0	1.5	5.53	5.62	3.87	5.75
Flat base	600	7526A90G15	0.3	0.3	0.3	2.0	2.0	1.5	5.53	5.62	3.87	5.45
	800	7526A90G16	0.3	0.3	0.3	2.0	1.5	1.2	5.53	5.62	3.87	5.25
	200	7526A90G21	0.3	0.3	0.3	1.5	3.0	2.2	7.09	5.25	4.50	7.50
	300	7526A90G22	0.3	0.3	0.3	1.5	2.0	1.5	7.09	5.25	4.50	7.50
	400	7526A90G23	0.3	0.3	0.3	2.0	2.0	1.5	7.09	5.25	4.50	6.25
	500	7526A90G24	0.3	0.3	0.3	2.0	2.0	1.5	7.09	5.25	4.50	5.75
	600	7526A90G25	0.3	0.3	0.3	2.0	2.0	1.5	7.09	5.25	4.50	5.45
High base	800	7526A90G26	0.3	0.3	0.3	2.0	1.5	1.2	7.09	5.25	4.50	5.25
TYPE CMS												
	200	7524A79G01	0.3	0.3	–	2.0	3.0	2.00	5.50	4.00	3.87	5.50
	300	7524A79G02	0.3	0.3	0.3	2.0	2.0	1.50	5.50	4.00	3.87	5.50
No base												
	200	7524A79G03	0.3	0.3	–	2.0	3.0	2.00	5.59	5.25	3.87	5.75
	300	7524A79G04	0.3	0.3	0.3	2.0	2.0	1.50	5.59	5.25	3.87	5.75
Flat base												
	200	7524A79G05	0.3	0.3	–	2.0	3.0	2.00	7.09	5.25	4.50	5.75
	300	7524A79G06	0.3	0.3	0.3	2.0	2.0	1.50	7.09	5.25	4.50	5.75
High base												

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

TYPES CMF-S and CMF

1VAP428182-DB and 1VAP428181-DB

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

Conduit box available for CMF

The CMF-S is part of ABB's AccuRange™ current transformer portfolio of products.

Bar assemblies:
One-hole, one-slot bar assembly (2.5" window): 9628A05G35
One-hole, one-slot bar assembly (3.06" window): 9628A05G36

TYPE CMF-S

Primary Amps	Style number Flat base	Style number High base	IEEE Metering Accuracy	Window Diam. (in.)	Rating Factor 30°C	Rating Factor 55°C	Height (in.) Flat base	Height (in.) High base	Width (in.)	Length (in.)	Weight (lbs.)
600	923A497G01	923A497G02	0.15SB-0.5	3.06	2.0	1.5	7.12	7.91	5.62	4.50	8.5
600	923A497G03	923A497G04	0.15SB-0.2	3.06	3.0	2.0	7.12	7.91	5.25	4.50	8.5
1000	923A497G05	923A497G06	0.15SB-0.5	3.06	2.0	1.5	7.12	7.91	5.25	11.88	8.5
600	923A517G01	923A517G02	0.15SB-0.5	With bar	2.0	1.5	7.12	7.91	5.25	11.88	10.5
600	923A517G03	923A517G04	0.15SB-0.2	With bar	3.0	2.0	7.12	7.91	5.25	11.88	10.5
1000	923A517G05	923A517G06	0.15SB-0.5	With bar	2.0	1.5	7.12	7.91	5.25	11.88	10.5

TYPE CMF

With window and flat base

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-1.8	Window Diam. (in.)	Rating Factor 30°C	Rating Factor 55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
50	4460A30G25	1.2	–	–	–	2.50	4.0	3.0	7.12	5.62	4.50	12.3
100	4460A30G23	0.3	–	–	–	2.50	4.0	3.0	7.12	5.62	4.50	12.3
200	4460A30G01	0.3	0.3	0.3	–	2.50	4.0	3.0	7.12	5.62	4.50	12.3
400	4460A30G03	0.3	0.3	0.3	–	3.06	4.0	3.0	7.12	5.62	4.50	8.5
500	4460A30G05	0.3	0.3	0.3	–	3.06	3.0	2.2	7.12	5.62	4.50	8.5
600	4460A30G07	0.3	0.3	0.3	–	3.06	2.0	1.5	7.12	5.62	4.50	8.5
800	4460A30G09	0.3	0.3	0.3	–	3.06	2.0	1.5	7.12	5.62	4.50	8.3
1000	4460A30G21	0.3	0.3	0.3	–	3.06	2.0	1.5	7.12	5.62	4.50	8.3
1200	4460A30G19	0.3	0.3	0.3	0.3	3.06	1.5	1.2	7.12	5.62	4.50	8.3
200/400	4460A30G11	0.3/0.3	0.3/0.3	0.3/0.3	–	2.50	4.0/2.0	3.0/1.5	7.12	5.62	4.50	12.4
300/600	4460A30G13	0.3/0.3	0.3/0.3	0.3/0.3	–	3.06	3.0/2.0	2.2/1.5	7.12	5.62	4.50	9.7
400/800	4460A30G15	0.3/0.3	0.3/0.3	0.3/0.3	–	3.06	2.0/2.0	1.5/1.5	7.12	5.62	4.50	8.7

TYPE CMF

With window and high base

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-1.8	Window Diam. (in.)	Rating Factor 30°C	Rating Factor 55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
50	4460A30G26	1.2	–	–	–	2.50	4.0	3.0	7.91	5.25	4.50	12.3
100	4460A30G24	0.3	–	–	–	2.50	4.0	3.0	7.91	5.25	4.50	12.3
200	4460A30G02	0.3	0.3	0.3	–	2.50	4.0	3.0	7.91	5.25	4.50	12.3
400	4460A30G04	0.3	0.3	0.3	–	3.06	4.0	3.0	7.91	5.25	4.50	8.5
500	4460A30G06	0.3	0.3	0.3	–	3.06	3.0	2.2	7.91	5.25	4.50	8.5
600	4460A30G08	0.3	0.3	0.3	–	3.06	2.0	1.5	7.91	5.25	4.50	8.5
800	4460A30G10	0.3	0.3	0.3	–	3.06	2.0	1.5	7.91	5.25	4.50	8.3
1000	4460A30G22	0.3	0.3	0.3	–	3.06	2.0	1.5	7.91	5.25	4.50	8.3
1200	4460A30G20	0.3	0.3	0.3	0.3	3.06	1.5	1.2	7.91	5.25	4.50	8.3
200/400	4460A30G12	0.3/0.3	0.3/0.3	0.3/0.3	–	2.50	4.0/2.0	3.0/1.5	7.91	5.25	4.50	12.4
300/600	4460A30G14	0.3/0.3	0.3/0.3	0.3/0.3	–	3.06	3.0/2.0	2.2/1.5	7.91	5.25	4.50	9.7
400/800	4460A30G16	0.3/0.3	0.3/0.3	0.3/0.3	–	3.06	2.0/2.0	1.5/1.5	7.91	5.25	4.50	8.7

* Stated accuracies are applicable for 60 Hz

store.ips.us

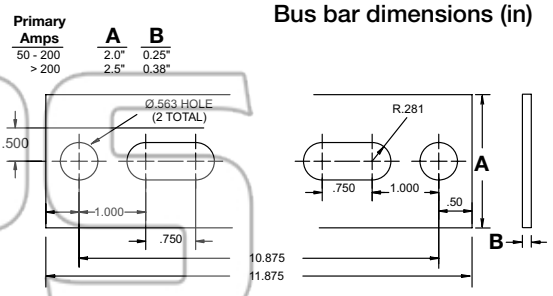
Courtesy of store.ips.us

TYPE CMF (cont'd)

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz
With primary bar

Conduit box available

Bus bar dimensions (in)



With primary bar and flat base

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-1.8	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	7525A01G25	0.3	–	–	–	2.50	4.0	3.0	7.12	5.62	11.88	14.3
200	7525A01G01	0.3	0.3	0.3	–	2.50	4.0	3.0	7.12	5.62	11.88	14.3
400	7525A01G03	0.3	0.3	0.3	–	3.06	4.0	3.0	7.12	5.62	11.88	12.5
500	7525A01G05	0.3	0.3	0.3	–	3.06	3.0	2.2	7.12	5.62	11.88	12.5
600	7525A01G07	0.3	0.3	0.3	–	3.06	2.0	1.5	7.12	5.62	11.88	12.5
800	7525A01G09	0.3	0.3	0.3	–	3.06	2.0	1.5	7.12	5.62	11.88	12.3
1000	7525A01G23	0.3	0.3	0.3	–	3.06	2.0	1.5	7.12	5.62	11.88	12.3
1200	7525A01G19	0.3	0.3	0.3	0.3	3.06	1.5	1.2	7.12	5.62	11.88	12.3
200/400	7525A01G11	0.3/0.3	0.3/0.3	0.3/0.3	–	2.50	4.0/2.0	3.0/1.5	7.12	5.62	11.88	14.4
300/600	7525A01G13	0.3/0.3	0.3/0.3	0.3/0.3	–	3.06	3.0/2.0	2.2/1.5	7.12	5.62	11.88	13.7
400/800	7525A01G15	0.3/0.3	0.3/0.3	0.3/0.3	–	3.06	2.0/2.0	1.5/1.5	7.12	5.62	11.88	12.7

With primary bar and high base

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-1.8	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	7525A01G26	0.3	–	–	–	2.50	4.0	3.0	7.91	5.25	11.88	14.3
200	7525A01G02	0.3	0.3	0.3	–	2.50	4.0	3.0	7.91	5.25	11.88	14.3
400	7525A01G04	0.3	0.3	0.3	–	3.06	4.0	3.0	7.91	5.25	11.88	12.5
500	7525A01G06	0.3	0.3	0.3	–	3.06	3.0	2.2	7.91	5.25	11.88	12.5
600	7525A01G08	0.3	0.3	0.3	–	3.06	2.0	1.5	7.91	5.25	11.88	12.5
800	7525A01G10	0.3	0.3	0.3	–	3.06	2.0	1.5	7.91	5.25	11.88	12.3
1000	7525A01G24	0.3	0.3	0.3	–	3.06	2.0	1.5	7.91	5.25	11.88	12.3
1200	7525A01G20	0.3	0.3	0.3	0.3	3.06	1.5	1.2	7.91	5.25	11.88	12.3
200/400	7525A01G12	0.3/0.3	0.3/0.3	0.3/0.3	–	2.50	4.0/2.0	3.0/1.5	7.91	5.25	11.88	14.4
300/600	7525A01G14	0.3/0.3	0.3/0.3	0.3/0.3	–	3.06	3.0/2.0	2.2/1.5	7.91	5.25	11.88	13.7
400/800	7525A01G16	0.3/0.3	0.3/0.3	0.3/0.3	–	3.06	2.0/2.0	1.5/1.5	7.91	5.25	11.88	12.7

* Stated accuracies are applicable for 60 Hz

store.ips.us

Courtesy of store.ips.us

TYPES CMV-S and CMV

600 Volts
Indoor/Outdoor
10 kV BIL
25-60 Hertz

The CMV-S is part of ABB's AccuRange™ current transformer portfolio of products.

1VAP428202-DB and 1VAP428201-DB

Optional accessories for tapered bottom styles:
Bus bar adapter (picture below): 9628A05G17
(supplied with style 7524A75GXX and 923A231GXX; to order without, use style 7524A76GXX)

Optional accessories for wide bottom styles:
Mounting feet (kit of 4): 9628A05G15
One-piece base: 9628A05G16

Optional bus bar accessory: (ordering information above)
Bus bar adapter fits the following bus bar sizes:
1/4", 3/8"+ 1/2"+

TYPE CMV-S

Primary Amps	Style Number	IEEE Metering Accuracy	Window Diam. (in.)	Rating Factor @ 85°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
500	923A498G04	0.15SB-0.2	3.5 x 4.5	2.0	9.17	6.00	2.19	6.0
1000	923A498G02	0.15SB-0.5	3.5 x 4.5	2.0	9.17	6.00	2.19	6.0
2000	923A498G03	0.15SB-0.5	3.5 x 4.5	2.0	9.17	6.00	2.19	6.0

(tapered bottom)

TYPE CMV

Tapered bottom

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	7524A75G17	1.2	–	–	–	–	3.5 x 4.5	4.0	3.0	9.17	6.00	2.19	6.0
200	7524A75G01	0.3	–	–	–	–	3.5 x 4.5	4.0	3.0	9.17	6.00	2.19	6.0
300	7524A75G02	0.3	0.3	–	–	–	3.5 x 4.5	4.0	3.0	9.17	6.00	2.19	6.0
400	7524A75G03	0.3	0.3	–	–	–	3.5 x 4.5	4.0	3.0	9.17	6.00	2.19	6.0
500	7524A75G12	0.3	0.3	0.3	–	–	3.5 x 4.5	3.0	2.2	9.17	6.00	2.19	6.0
600	7524A75G04	0.3	0.3	0.3	–	–	3.5 x 4.5	3.0	2.2	9.17	6.00	2.19	6.0
800	7524A75G05	0.3	0.3	0.3	–	–	3.5 x 4.5	3.0	2.2	9.17	6.00	2.19	6.0
1000	7524A75G06	0.3	0.3	0.3	–	–	3.5 x 4.5	2.0	1.5	9.17	6.00	2.19	6.0
1200	7524A75G07	0.3	0.3	0.3	0.3	–	3.5 x 4.5	2.0	1.5	9.17	6.00	2.19	6.0
1500	7524A75G08	0.3	0.3	0.3	0.3	–	3.5 x 4.5	2.0	1.5	9.17	6.00	2.19	6.0
2000	7524A75G09	0.3	0.3	0.3	0.3	0.3	3.5 x 4.5	1.5	1.2	9.17	6.00	2.19	6.0
3000	7524A75G10	0.3	0.3	0.3	0.3	0.3	3.5 x 4.5	1.33	1.0	9.17	6.00	2.19	6.0
4000	7524A75G11	0.3	0.3	0.3	0.3	0.3	3.5 x 4.5	1.0	0.75	9.17	6.00	2.19	6.0

TYPE CMV

Wide bottom

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	7524A73G17	1.2	–	–	–	–	3.5 x 4.5	4.0	3.0	8.75	6.00	2.19	6.5
200	7524A73G01	0.3	–	–	–	–	3.5 x 4.5	4.0	3.0	8.75	6.00	2.19	6.5
300	7524A73G02	0.3	0.3	–	–	–	3.5 x 4.5	4.0	3.0	8.75	6.00	2.19	6.5
400	7524A73G03	0.3	0.3	–	–	–	3.5 x 4.5	4.0	3.0	8.75	6.00	2.19	6.5
500	7524A73G12	0.3	0.3	0.3	–	–	3.5 x 4.5	3.0	2.2	8.75	6.00	2.19	6.5
600	7524A73G04	0.3	0.3	0.3	–	–	3.5 x 4.5	3.0	2.2	8.75	6.00	2.19	6.5
800	7524A73G05	0.3	0.3	0.3	–	–	3.5 x 4.5	3.0	2.2	8.75	6.00	2.19	6.5
1000	7524A73G06	0.3	0.3	0.3	–	–	3.5 x 4.5	2.0	1.5	8.75	6.00	2.19	6.5
1200	7524A73G07	0.3	0.3	0.3	0.3	–	3.5 x 4.5	2.0	1.5	8.75	6.00	2.19	6.5
1500	7524A73G08	0.3	0.3	0.3	0.3	–	3.5 x 4.5	2.0	1.5	8.75	6.00	2.19	6.5
2000	7524A73G09	0.3	0.3	0.3	0.3	0.3	3.5 x 4.5	1.5	1.2	8.75	6.00	2.19	6.5
3000	7524A73G10	0.3	0.3	0.3	0.3	0.3	3.5 x 4.5	1.33	1.0	8.75	6.00	2.19	6.5
4000	7524A73G11	0.3	0.3	0.3	0.3	0.3	3.5 x 4.5	1.0	0.75	8.75	6.00	2.19	6.5

* Stated accuracies are applicable for 60 Hz

store.ips.us

Courtesy of store.ips.us

TYPE CMV-Hi Temp

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

This CT is designed for high temperature environments. Refer to product bulletin for details.

Optional accessories for tapered bottom styles:
Bus bar adapter (pictured below): 9628A05G17
(supplied with style 7524A75GXX and 923A231GXX;
To order without, use style 7524A76GXX)

Optional bus bar accessory:
Bus bar adapter fits the following bus bar sizes:
$^1/_4$", $^3/_8$"+ $^1/_2$"+
+with modification

Tapered bottom

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8
200	923A231G01	0.3	–	–	–	–
300	923A231G02	0.3	0.3	–	–	–
400	923A231G03	0.3	0.3	–	–	–
600	923A231G04	0.3	0.3	0.3	–	–
800	923A231G05	0.3	0.3	0.3	–	–
1000	923A231G06	0.3	0.3	0.3	–	–
1200	923A231G07	0.3	0.3	0.3	0.3	–
1500	923A231G08	0.3	0.3	0.3	0.3	–
2000	923A231G09	0.3	0.3	0.3	0.3	0.3
3000	923A231G10	0.3	0.3	0.3	0.3	0.3
4000	923A231G11	0.3	0.3	0.3	0.3	0.3

Window Diam. (in.)	Rating Factor @ 85°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
3.5 x 4.5	4.0	9.17	6.00	2.19	6.0
3.5 x 4.5	4.0	9.17	6.00	2.19	6.0
3.5 x 4.5	4.0	9.17	6.00	2.19	6.0
3.5 x 4.5	3.0	9.17	6.00	2.19	6.0
3.5 x 4.5	3.0	9.17	6.00	2.19	6.0
3.5 x 4.5	2.0	9.17	6.00	2.19	6.0
3.5 x 4.5	2.0	9.17	6.00	2.19	6.0
3.5 x 4.5	2.0	9.17	6.00	2.19	6.0
3.5 x 4.5	1.5	9.17	6.00	2.19	6.0
3.5 x 4.5	1.33	9.17	6.00	2.19	6.0
3.5 x 4.5	1.0	9.17	6.00	2.19	6.0

store.ips.us

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

TYPES CLC-S and CLC

1VAP428242-DB and 1VAP428241-DB

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

The CLC-S is part of ABB's AccuRange™ current transformer portfolio of products.

Optional accessories:

Mounting feet,set of four with hardware	9628A05G20
One-piece base	9628A05G21
Window plate (one required)	9628A05G22

Primary bar assemblies:

800-1500 amps	1 bar	9628A05G23
2000 amps	2 bars	9628A05G24
3000 amps	3 bars	9628A05G25
4000 amps	4 bars	9628A05G26

	Primary Amps	Style Number	IEEE Metering Accuracy	Window Diam. (in.)	Rating Factor 30°C	Rating Factor 55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE CLC-S	2000	923A533G01	0.15S B-0.9	5.50	2.5	1.75	9.75	8.25	2.63	11.0
	1500	923A533G02	0.15S B-0.9	5.50	3.0	2.5	9.75	8.25	2.63	11.0

Without hardware

UL Recognized Component

	Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8		Window Diam. (in.)	Rating Factor 30°C	Rating Factor 55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE CLC	400	7524A58G21	0.3	0.3	–	–	–		5.50	3.0	2.2	9.75	8.25	2.63	11.0
	500	7524A58G19	0.3	0.3	0.3	–	–		5.50	4.0	3.0	9.75	8.25	2.63	11.0
	600	7524A58G16	0.3	0.3	0.3	–	–		5.50	3.0	2.2	9.75	8.25	2.63	11.0
	800	7524A58G01	0.3	0.3	0.3	–	–		5.50	2.0	1.5	9.75	8.25	2.63	11.0
	1000	7524A58G02	0.3	0.3	0.3	–	–		5.50	2.0	1.5	9.75	8.25	2.63	11.0
	1200	7524A58G03	0.3	0.3	0.3	0.3	–		5.50	2.0	1.5	9.75	8.25	2.63	11.0
	1500	7524A58G04	0.3	0.3	0.3	0.3	–		5.50	3.0	2.2	9.75	8.25	2.63	11.0
	2000	7524A58G05	0.3	0.3	0.3	0.3	0.3		5.50	2.0	1.5	9.75	8.25	2.63	11.0
	3000	7524A58G06	0.3	0.3	0.3	0.3	0.3		5.50	1.5	1.2	9.75	8.25	2.63	11.0
	4000	7524A58G07	0.3	0.3	0.3	0.3	0.3		5.50	1.33	1.0	9.75	8.25	2.63	11.0
	600/1200	7524A58G08	0.3 0.3	0.3 0.3	– 0.3	– 0.3	– –	+	5.50	3.0 2.0	2.2 1.5	9.75	8.25	2.63	11.0
	800/1600	7524A58G09	0.3 0.3	0.3 0.3	– 0.3	– 0.3	– 0.3	+	5.50	3.0 2.0	2.2 1.5	9.75	8.25	2.63	11.0
	1000/2000	7524A58G10	0.3 0.3	0.3 0.3	0.3 0.3	– 0.3	– 0.3	+	5.50	3.0 2.0	2.2 1.5	9.75	8.25	2.63	11.0
	1500/3000	7524A58G11	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	– 0.3	+	5.50	2.0 1.5	1.5 1.2	9.75	8.25	2.63	11.0
	2000/4000	7524A58G12	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	+	5.50	2.0 1.33	1.5 1.0	9.75	8.25	2.63	11.0

+ Tap Connection X2-X3

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

TYPE CLC (cont'd)

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

UL Recognized Component

Optional accessories:

Mounting feet,set of four with hardware		9628A05G20
One-piece base		9628A05G21
Window plate (one required)		9628A05G22

Primary bar assemblies:

800-1500 amps	1 bar	9628A05G23
2000 amps	2 bars	9628A05G24
3000 amps	3 bars	9628A05G25
4000 amps	4 bars	9628A05G26

With mounting feet (4-piece)

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8		Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
600	7524A59G16	0.3	0.3	0.3	–	–		5.50	3.0	2.2	9.88	8.25	6.37	11.5
800	7524A59G01	0.3	0.3	0.3	–	–		5.50	2.0	1.5	9.88	8.25	6.37	11.5
1000	7524A59G02	0.3	0.3	0.3	–	–		5.50	2.0	1.5	9.88	8.25	6.37	11.5
1200	7524A59G03	0.3	0.3	0.3	0.3	–		5.50	2.0	1.5	9.88	8.25	6.37	11.5
1500	7524A59G04	0.3	0.3	0.3	0.3	–		5.50	3.0	2.2	9.88	8.25	6.37	11.5
2000	7524A59G05	0.3	0.3	0.3	0.3	0.3		5.50	2.0	1.5	9.88	8.25	6.37	11.5
3000	7524A59G06	0.3	0.3	0.3	0.3	0.3		5.50	1.5	1.2	9.88	8.25	6.37	11.5
4000	7524A59G07	0.3	0.3	0.3	0.3	0.3		5.50	1.33	1.0	9.88	8.25	6.37	11.5
600/1200	7524A59G08	0.3	0.3	–	–	–	+	5.50	3.0	2.2	9.88	8.25	6.37	11.5
		0.3	0.3	0.3	0.3	–			2.0	1.5				
800/1600	7524A59G09	0.3	0.3	–	–	–	+	5.50	3.0	2.2	9.88	8.25	6.37	11.5
		0.3	0.3	0.3	0.3	0.3			2.0	1.5				
1000/2000	7524A59G10	0.3	0.3	0.3	–	–	+	5.50	3.0	2.2	9.88	8.25	6.37	11.5
		0.3	0.3	0.3	0.3	0.3			2.0	1.5				
1500/3000	7524A59G11	0.3	0.3	0.3	0.3	–	+	5.50	2.0	1.5	9.88	8.25	6.37	11.5
		0.3	0.3	0.3	0.3	0.3			1.5	1.2				
2000/4000	7524A59G12	0.3	0.3	0.3	0.3	0.3	+	5.50	2.0	1.5	9.88	8.25	6.37	11.5
		0.3	0.3	0.3	0.3	0.3			1.33	1.0				

+ Tap Connection X2-X3

store.ips.us

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

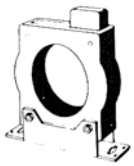
TYPE CLC (cont'd)

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

UL Recognized Component

Optional accessories:

Mounting feet-set of four with hardware		9628A05G20
One-piece base		9628A05G21
Window plate (one required)		9628A05G22
Primary bar assemblies:		
800-1500 amps	1 bar	9628A05G23
2000 amps	2 bars	9628A05G24
3000 amps	3 bars	9628A05G25
4000 amps	4 bars	9628A05G26



With one piece base

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8		Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
400	7524A60G18	0.3	0.3	–	–	–		5.50	3.0	2.2	9.88	10.50	2.62	11.0
500	7524A60G19	0.3	0.3	0.3	–	–		5.50	4.0	3.0	9.88	10.50	2.62	11.0
600	7524A60G16	0.3	0.3	0.3	–	–		5.50	3.0	2.2	9.88	10.50	2.62	11.0
800	7524A60G01	0.3	0.3	0.3	–	–		5.50	2.0	1.5	9.88	10.50	2.62	11.0
1000	7524A60G02	0.3	0.3	0.3	–	–		5.50	2.0	1.5	9.88	10.50	2.62	11.0
1200	7524A60G03	0.3	0.3	0.3	0.3	–		5.50	2.0	1.5	9.88	10.50	2.62	11.0
1500	7524A60G04	0.3	0.3	0.3	0.3	–		5.50	3.0	2.2	9.88	10.50	2.62	11.0
2000	7524A60G05	0.3	0.3	0.3	0.3	0.3		5.50	2.0	1.5	9.88	10.50	2.62	11.0
3000	7524A60G06	0.3	0.3	0.3	0.3	0.3		5.50	1.5	1.2	9.88	10.50	2.62	11.0
4000	7524A60G07	0.3	0.3	0.3	0.3	0.3		5.50	1.33	1.0	9.88	10.50	2.62	11.0
600/1200	7524A60G08	0.3 0.3	0.3 0.3	– 0.3	– 0.3	– –	+ +	5.50	3.0 2.0	2.2 1.5	9.88	10.50	2.62	11.0
800/1600	7524A60G09	0.3 0.3	0.3 0.3	– 0.3	– 0.3	– 0.3	+ +	5.50	3.0 2.0	2.2 1.5	9.88	10.50	2.62	11.0
1000/2000	7524A60G10	0.3 0.3	0.3 0.3	0.3 0.3	– 0.3	– 0.3	+ +	5.50	3.0 2.0	2.2 1.5	9.88	10.50	2.62	11.0
1500/3000	7524A60G11	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	– 0.3	+ +	5.50	2.0 1.5	1.5 1.2	9.88	10.50	2.62	11.0
2000/4000	7524A60G12	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	+ +	5.50	2.0 1.33	1.5 1.0	9.88	10.50	2.62	11.0

+ Tap Connection X2-X3

* Stated accuracies are applicable for 60 Hz

store.ips.us

Courtesy of store.ips.us

TYPE CLC (cont'd)

600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz

UL Recognized Component

Optional accessories:

Mounting feet-set of four with hardware		9628A05G20
One-piece base		9628A05G21
Window plate (one required)		9628A05G22
Primary bar assemblies:		
800-1500 amps	1 bar	9628A05G23
2000 amps	2 bars	9628A05G24
3000 amps	3 bars	9628A05G25
4000 amps	4 bars	9628A05G26

With window plate

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8		Window Diam. (in.)	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
400	7524A61G18	0.3	0.3	–	–	–		5.50	3.0	2.2	9.75	8.25	2.88	11.5
600	7524A61G16	0.3	0.3	0.3	–	–		5.50	3.0	2.2	9.75	8.25	2.88	11.5
800	7524A61G01	0.3	0.3	0.3	–	–		5.50	2.0	1.5	9.75	8.25	2.88	11.5
1000	7524A61G02	0.3	0.3	0.3	–	–		5.50	2.0	1.5	9.75	8.25	2.88	11.5
1200	7524A61G03	0.3	0.3	0.3	0.3	–		5.50	2.0	1.5	9.75	8.25	2.88	11.5
1500	7524A61G04	0.3	0.3	0.3	0.3	–		5.50	3.0	2.2	9.75	8.25	2.88	11.5
2000	7524A61G05	0.3	0.3	0.3	0.3	0.3		5.50	2.0	1.5	9.75	8.25	2.88	11.5
3000	7524A61G06	0.3	0.3	0.3	0.3	0.3		5.50	1.5	1.2	9.75	8.25	2.88	11.5
4000	7524A61G07	0.3	0.3	0.3	0.3	0.3		5.50	1.33	1.0	9.75	8.25	2.88	11.5
600/1200	7524A61G08	0.3 0.3	0.3 0.3	– 0.3	– 0.3	– –	+ +	5.50	3.0 2.0	2.2 1.5	9.75	8.25	2.88	11.5
800/1600	7524A61G09	0.3 0.3	0.3 0.3	– 0.3	– 0.3	– 0.3	+ +	5.50	3.0 2.0	2.2 1.5	9.75	8.25	2.88	11.5
1000/2000	7524A61G10	0.3 0.3	0.3 0.3	0.3 0.3	– 0.3	– 0.3	+ +	5.50	3.0 2.0	2.2 1.5	9.75	8.25	2.88	11.5
1500/3000	7524A61G11	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	– 0.3	+ +	5.50	2.0 1.5	1.5 1.2	9.75	8.25	2.88	11.5
2000/4000	7524A61G12	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	0.3 0.3	+ +	5.50	2.0 1.33	1.5 1.0	9.75	8.25	2.88	11.5

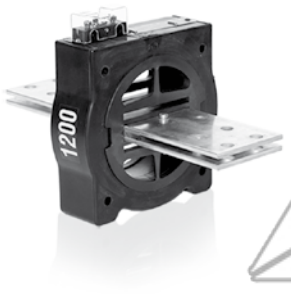
+ Tap Connection X2-X3

* Stated accuracies are applicable for 60 Hz

store.ips.us

Courtesy of store.ips.us

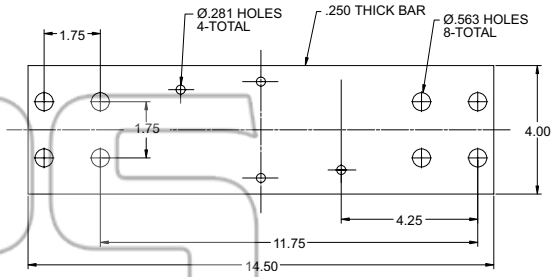
TYPE CLC (cont'd)



600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz
Bar-type

UL Recognized Component

Bar assemblies **1VAP428241-DB**



Bars used are .250" thick by 4" wide. On multi-bar assemblies, there is .250" spacing between bars. Assembly can be mounted with bars horizontal or vertical.

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8
600	7526A85G16	0.3	0.3	0.3	–	–
800	7526A85G01	0.3	0.3	0.3	–	–
1000	7526A85G02	0.3	0.3	0.3	–	–
1200	7526A85G03	0.3	0.3	0.3	0.3	–
1200	7526A85G17	0.3	0.3	0.3	0.3	0.3
1500	7526A85G04	0.3	0.3	0.3	0.3	–
2000	7526A85G05	0.3	0.3	0.3	0.3	0.3
3000	7526A85G06	0.3	0.3	0.3	0.3	0.3
4000	7526A85G07	0.3	0.3	0.3	0.3	0.3
600/1200	7526A85G08	0.3	0.3	0.3	0.3	–
		0.3	0.3	–	–	–
800/1600	7526A85G09	0.3	0.3	0.3	0.3	0.3
		0.3	0.3	–	–	–
1000/2000	7526A85G10	0.3	0.3	0.3	0.3	0.3
		0.3	0.3	0.3	–	–
1500/3000	7526A85G11	0.3	0.3	0.3	0.3	0.3
		0.3	0.3	0.3	0.3	–
2000/4000	7526A85G12	0.3	0.3	0.3	0.3	0.3
		0.3	0.3	0.3	0.3	0.3

Number of bars	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
1	3.0	2.2	9.75	8.25	2.62	15
1	2.0	1.5	9.75	8.25	2.62	15
1	2.0	1.5	9.75	8.25	2.62	15
2	2.0	1.5	9.75	8.25	2.62	15
2	2.0	1.5	9.75	8.25	2.62	15
4	3.0	2.2	9.75	8.25	2.62	15
3	2.0	1.5	9.75	8.25	2.62	15
4	1.5	1.2	9.75	8.25	2.62	15
4	1.25	1.0	9.75	8.25	2.62	15
2	3.0/2.0	2.2/1.5	9.75	8.25	2.62	15
2	3.0/2.0	2.2/1.5	9.75	8.25	2.62	15
3	3.0/2.0	2.2/1.5	9.75	8.25	2.62	15
4	2.0/1.5	1.5/1.2	9.75	8.25	2.62	15
4	2.0/1.25	1.5/0.9	9.75	8.25	2.62	15

store.ips.us

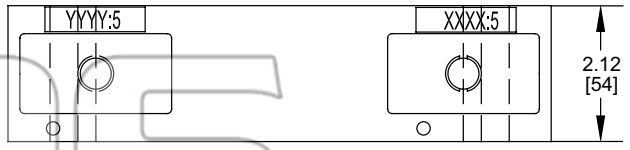
* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

TYPE DEH-705

600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Thermal rise:
55°C @ 30°C ambient



Primary Amps	Style Number	Accuracy/Burden Metering*	Relay
200	A0302S08-570	0.6B-0.1	C5
300	A0303S08-570	0.3B-0.1	C10
400	A0304S08-570	0.3B-0.2	C15
500	A0305S08-570	0.3B-0.5	C20
600	A0306S08-570	0.3B-0.5	C25
800	A0308S08-570	0.3B-0.9	C30
1000	A0310S08-570	0.3B-0.9	C30
1200	A0312S08-570	0.3B-0.9	C40
1500	A0315S08-570	0.3B-1.8	C30
2000	A0320S08-570	0.3B-1.8	C40
2500	A0325S08-570	0.3B-1.8	C30
3000	A0330S08-570	0.3B-1.8	C40
4000	A0340S08-570	0.3B-1.8	C50

Window Diam. (in.)	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	2.0	10.25	8.50	2.12	14-15
5.75	1.5	10.25	8.50	2.12	14-15
5.75	1.5	10.25	8.50	2.12	14-15
5.75	1.0	10.25	8.50	2.12	14-15

Available in dual and multi-ratio designs

One second thermal/mechanical ratings: 80 x full winding I_{nom} / unlimited mechanical.

Units available with mounting feet. Change “08” of style number to “18”

* Units can be certified for revenue metering. Change “570" of style number to “590”

Higher accuracies available in some ratings. Contact the factory.

store.ips.us

Courtesy of store.ips.us

TYPE CLE

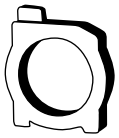
600 Volts
Indoor/outdoor
10 kV BIL
25-400 Hertz

UL Recognized Component

Optional accessories:

Mounting feet (set of 2 with hardware)	9628A05G27
Window plates (set of 2 with hardware)	9628A05G28

IPS

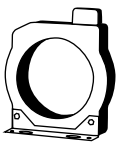


Without mounting feet

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
2000	7524A63G01	0.3	0.3	0.3	0.3	–	
3000	7524A63G02	0.3	0.3	0.3	0.3	0.3	
4000	7524A63G03	0.3	0.3	0.3	0.3	0.3	
5000	7524A63G04	0.3	0.3	0.3	0.3	0.3	
6000	7524A63G05	0.3	0.3	0.3	0.3	0.3	
1000/2000	7524A63G06	0.3	0.3	0.3	–	–	+
		0.3	0.3	0.3	0.3	–	
1500/3000	7524A63G07	0.3	0.3	0.3	–	–	+
		0.3	0.3	0.3	0.3	0.3	
2000/4000	7524A63G08	0.3	0.3	0.3	0.3	–	+
		0.3	0.3	0.3	0.3	0.3	
2500/5000	7524A63G09	0.3	0.3	0.3	0.3	0.3	+
		0.3	0.3	0.3	0.3	0.3	
3000/6000	7524A63G10	0.3	0.3	0.3	0.3	0.3	+
		0.3	0.3	0.3	0.3	0.3	

Window Diam. (in.)	Relay* Accuracy	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
8.25	C50	2.0	1.5	12.88	11.38	2.63	16.0
8.25	C100	2.0	1.5	12.88	11.38	2.63	16.0
8.25	C100	1.5	1.2	12.88	11.38	2.63	16.0
8.25	C100	1.33	1.0	12.88	11.38	2.63	16.0
8.25	–	1.0	0.75	12.88	11.38	2.63	16.0
8.25	C30	3.0	2.2	12.88	11.38	2.63	16.0
	C50	2.0	1.5				
8.25	C50	3.0	2.2	12.88	11.38	2.63	16.0
	C100	2.0	1.5				
8.25	C50	2.0	1.5	12.88	11.38	2.63	16.0
	C100	1.5	1.2				
8.25	C100	2.0	1.5	12.88	11.38	2.63	16.0
	C200	1.33	1.0				
8.25	–	1.33	1.0	12.88	11.38	2.63	16.0
	–	1.0	0.75				

store.ips.us



With mounting feet (2-piece)

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
2000	7524A64G01	0.3	0.3	0.3	0.3	–	
3000	7524A64G02	0.3	0.3	0.3	0.3	1.8	
4000	7524A64G03	0.3	0.3	0.3	0.3	0.3	
5000	7524A64G04	0.3	0.3	0.3	0.3	0.3	
6000	7524A64G05	0.3	0.3	0.3	0.3	0.3	
1000/2000	7524A64G06	0.3	0.3	0.3	–	–	+
		0.3	0.3	0.3	0.3	–	
1500/3000	7524A64G07	0.3	0.3	0.3	–	–	+
		0.3	0.3	0.3	0.3	0.3	
2000/4000	7524A64G08	0.3	0.3	0.3	0.3	–	+
		0.3	0.3	0.3	0.3	0.3	
2500/5000	7524A64G09	0.3	0.3	0.3	0.3	0.3	+
		0.3	0.3	0.3	0.3	0.3	
3000/6000	7524A64G10	0.3	0.3	0.3	0.3	0.3	+
		0.3	0.3	0.3	0.3	0.3	

Window Diam. (in.)	Relay* Accuracy	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
8.25	C50	2.0	1.5	12.88	11.38	6.37	17.0
8.25	C100	2.0	1.5	12.88	11.38	6.37	17.0
8.25	C100	1.5	1.2	12.88	11.38	6.37	17.0
8.25	C100	1.33	1.0	12.88	11.38	6.37	17.0
8.25	–	1.0	0.75	12.88	11.38	6.37	17.0
8.25	C30	3.0	2.2	12.88	11.38	6.37	17.0
	C50	2.0	1.5				
8.25	C50	3.0	2.2	12.88	11.38	6.37	17.0
	C100	2.0	1.5				
8.25	C50	2.0	1.5	12.88	11.38	6.37	17.0
	C100	1.5	1.2				
8.25	C100	2.0	1.5	12.88	11.38	6.37	17.0
	C200	1.33	1.0				
8.25	–	1.33	1.0	12.88	11.38	6.37	17.0
	–	1.0	0.75				

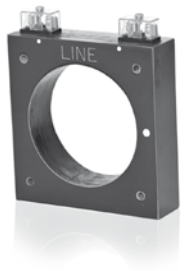
+ Tap connection X2-X3

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

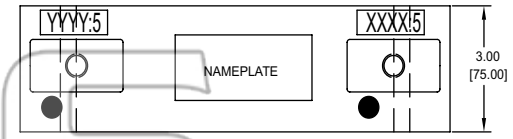
TYPE CEH-636

1VAP701031-DB



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Thermal rise:
55°C @ 30°C ambient



Primary Amps	Style Number	Accuracy/Burden Metering*	Relay
100	A0101S08-570	±10% - 1VA	–
200	A0102S08-570	1.2B-0.1	–
300	A0103S08-570	0.6B-0.1	C5
400	A0104S08-570	0.3B-0.1	C10
500	A0105S08-570	0.3B-0.2	C15
600	A0106S08-570	0.3B-0.2	C15
800	A0108S08-570	0.3B-0.5	C20
1000	A0110S08-570	0.3B-0.5	C30
1200	A0112S08-570	0.3B-0.9	C40
1500	A0115S08-570	0.3B-0.9	C50
1600	A0116S08-570	0.3B-0.9	C50
2000	A0120S08-570	0.3B-1.8	C35
2500	A0125S08-570	0.3B-1.8	C40
3000	A0130S08-570	0.3B-1.8	C50
4000	A0140S08-570	0.3B-1.8	C50
5000	A0150S08-570	0.3B-1.8	–
6000	A0160S08-570	0.3B-1.8	–

Window Diam. (in.)	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	2.0	13.0	11.0	3.0	18-20
8.13	1.5	13.0	11.0	3.0	18-20
8.13	1.33	13.0	11.0	3.0	18-20
8.13	1.0	13.0	11.0	3.0	18-20
8.13	1.0	13.0	11.0	3.0	18-20
8.13	1.0	13.0	11.0	3.0	18-20

Available in dual and multi-ratio designs

One second thermal/mechanical ratings: 60 x full winding I_{nom} / unlimited mechanical.

Units available with mounting feet. Change “08” of style number to “18”

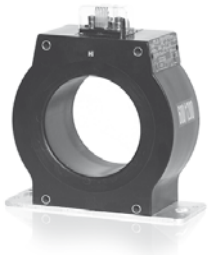
* Units can be certified for revenue metering. Change "570" of style number to "590"

store.ips.us

Courtesy of store.ips.us

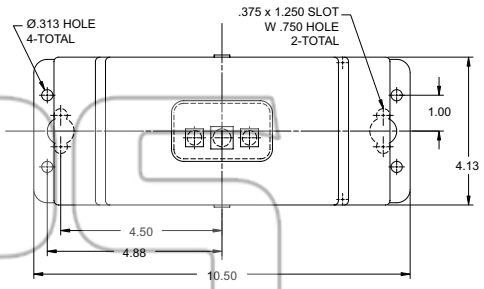
TYPE RLC

1VAP428281-DB



600 Volts
Indoor/outdoor
10 kV BIL
25-60 Hertz
Contact factory for bar designs

UL Recognized Component



	Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8		Window Diam. (in.)	Relay* Accuracy	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE RLC	500	7524A52G23	0.3	0.3	0.3	–	–		5.5	C50	2.0	1.5	11.25	10.50	4.12	21.0
	600	7524A52G17	0.3	0.3	0.3	–	–		5.5	C100	2.0	1.5	11.25	10.50	4.12	21.0
	750	7524A52G01	0.3	0.3	0.3	–	–		5.5	C100	2.0	1.5	11.25	10.50	4.12	21.0
	800	7524A52G02	0.3	0.3	0.3	0.3	–		5.5	C100	2.0	1.5	11.25	10.50	4.12	21.0
	900	7524A52G03	0.3	0.3	0.3	0.3	–		5.5	C100	2.0	1.5	11.25	10.50	4.12	21.0
	1000	7524A52G04	0.3	0.3	0.3	0.3	–		5.5	C100	2.0	1.5	11.25	10.50	4.12	21.0
	1200	7524A52G05	0.3	0.3	0.3	0.3	0.3		5.5	C200	2.0	1.5	11.25	10.50	4.12	21.0
	1500	7524A52G06	0.3	0.3	0.3	0.3	0.3		5.5	C200	2.0	1.5	11.25	10.50	4.12	21.0
	2000	7524A52G07	0.3	0.3	0.3	0.3	0.3		5.5	C200	1.5	1.2	11.25	10.50	4.12	21.0
	3000	7524A52G08	0.3	0.3	0.3	0.3	0.3		5.5	C200	1.33	1.0	11.25	10.50	4.12	21.0
	4000	7524A52G09	0.3	0.3	0.3	0.3	0.3		5.5	C200	1.33	1.0	11.25	10.50	4.12	21.0
	600/1200	7524A52G10	0.3	0.3	0.3	–	–	+	5.5	C100	2.0	1.5	11.25	10.50	4.12	21.0
			0.3	0.3	0.3	0.3	0.3			C200	2.0	1.5				
	800/1600	7524A52G11	0.3	0.3	0.3	–	–	+	5.5	C100	2.0	1.5	11.25	10.50	4.12	21.0
			0.3	0.3	0.3	0.3	0.3			C200	1.5	1.2				
	1000/2000	7524A52G12	0.3	0.3	0.3	0.3	–	+	5.5	C100	2.0	1.5	11.25	10.50	4.12	21.0
			0.3	0.3	0.3	0.3	0.3			C200	1.5	1.2				
	1500/3000	7524A52G13	0.3	0.3	0.3	0.3	0.3	+	5.5	C100	1.5	1.2	11.25	10.50	4.12	21.0
			0.3	0.3	0.3	0.3	0.3			C200	1.33	1.0				
	2000/4000	7524A52G14	0.3	0.3	0.3	0.3	0.3	+	5.5	C100	1.5	1.2	11.25	10.50	4.12	21.0
			0.3	0.3	0.3	0.3	0.3			C200	1.33	1.0				
TYPE RLC **High accuracy**	300	9625A21G10	0.3	–	–	–	–		5.5	C100	2.0	1.5	11.25	10.50	4.12	29.0
	800	9625A21G11	-	-	-	-	-		5.5	C200	2.0	1.5	11.25	10.50	4.12	29.0
	1000	9625A21G01	0.3	0.3	0.3	0.3	0.3		5.5	C200	2.0	1.5	11.25	10.50	4.12	29.0
	2000	9625A21G02	0.3	0.3	0.3	0.3	0.3		5.5	C400	1.5	1.2	11.25	10.50	4.12	29.0
	3000	9625A21G03	0.3	0.3	0.3	0.3	0.3		5.5	C400	1.5	1.2	11.25	10.50	4.12	29.0
	4000	9625A21G04	0.3	0.3	0.3	0.3	0.3		5.5	C400	1.5	1.2	11.25	10.50	4.12	29.0
	1000/2000	9625A21G05	0.3	0.3	0.3	0.3	–	+	5.5	C200	2.0	1.5	11.25	10.50	4.12	29.0
			0.3	0.3	0.3	0.3	0.3			C400	1.5	1.2				
	1500/3000	9625A21G06	0.3	0.3	0.3	0.3	0.3	+	5.5	C200	1.5	1.2	11.25	10.50	4.12	29.0
			0.3	0.3	0.3	0.3	0.3			C400	1.33	1.0				
	2000/4000	9625A21G07	0.3	0.3	0.3	0.3	0.3	+	5.5	C200	1.5	1.2	11.25	10.50	4.12	29.0
			0.3	0.3	0.3	0.3	0.3			C400	1.33	1.0				

+ Tap connection X2-X3

* Stated accuracies are applicable for 60 Hz

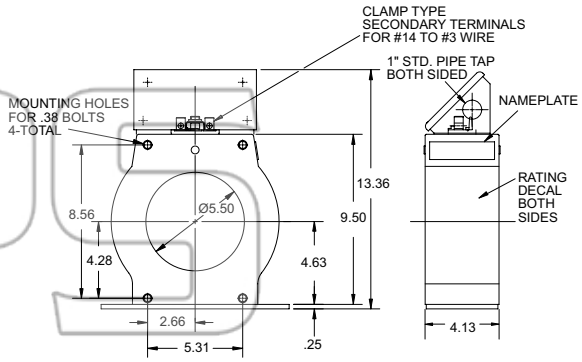
Courtesy of store.ips.us

TYPE RLC (cont'd)

1VAP428281-DB

600 Volts
Outdoor
10 kV BIL
With junction box
25-400 Hertz
Contact factory for bar designs

Mechanical rating:
180 x normal



UL Recognized Component

Primary Amps	Style Number	IEEE Metering Accuracy* B-0.1	B-0.2	B-0.5	B-0.9	B-1.8	
750	7524A54G01	0.3	0.3	0.3	–	–	
800	7524A54G02	0.3	0.3	0.3	0.3	–	
900	7524A54G03	0.3	0.3	0.3	0.3	–	
1000	7524A54G04	0.3	0.3	0.3	0.3	–	
1200	7524A54G05	0.3	0.3	0.3	0.3	0.3	
1500	7524A54G06	0.3	0.3	0.3	0.3	0.3	
2000	7524A54G07	0.3	0.3	0.3	0.3	0.3	
3000	7524A54G08	0.3	0.3	0.3	0.3	0.3	
4000	7524A54G09	0.3	0.3	0.3	0.3	0.3	
600/1200	7524A54G10	0.3	0.3	0.3	–	–	+
		0.3	0.3	0.3	0.3	0.3	
800/1600	7524A54G11	0.3	0.3	0.3	–	–	+
		0.3	0.3	0.3	0.3	0.3	
1000/2000	7524A54G12	0.3	0.3	0.3	0.3	–	+
		0.3	0.3	0.3	0.3	0.3	
1500/3000	7524A54G13	0.3	0.3	0.3	0.3	0.3	+
		0.3	0.3	0.3	0.3	0.3	
2000/4000	7524A54G14	0.3	0.3	0.3	0.3	0.3	+
		0.3	0.3	0.3	0.3	0.3	

+ Tap connection X2-X3

Window Diam. (in.)	Relay* Accuracy	Rating Factor 30°C	55°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
5.5	C100	2.0	1.5	13.36	10.50	4.12	22
5.5	C100	2.0	1.5	13.36	10.50	4.12	22
5.5	C100	2.0	1.5	13.36	10.50	4.12	22
5.5	C100	2.0	1.5	13.36	10.50	4.12	22
5.5	C200	2.0	1.5	13.36	10.50	4.12	22
5.5	C200	2.0	1.5	13.36	10.50	4.12	22
5.5	C200	1.5	1.2	13.36	10.50	4.12	22
5.5	C200	1.33	1.0	13.36	10.50	4.12	22
5.5	C200	1.33	1.0	13.36	10.50	4.12	22
5.5	C100/C200	2.0/2.0	1.5/1.5	13.36	10.50	4.12	22
5.5	C100/C200	2.0/1.5	1.5/1.2	13.36	10.50	4.12	22
5.5	C100/C200	2.0/1.5	1.5/1.2	13.36	10.50	4.12	22
5.5	C100/C200	1.5/1.33	1.2/1.0	13.36	10.50	4.12	22
5.5	C100/C200	1.5/1.33	1.2/1.0	13.36	10.50	4.12	22

* Stated accuracies are applicable for 60 Hz

Courtesy of store.ips.us

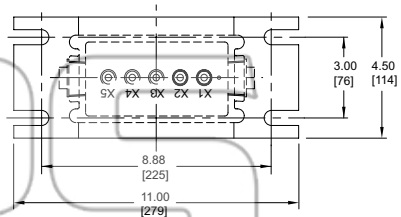
TYPE SCT-983

1VAP701051-DB

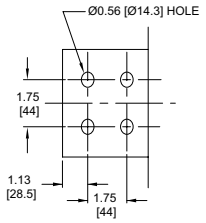
600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Window diameter options:

SCT-983:	5.0"	SCT-983C:	4.0"
SCT-983A:	6.0"	SCT-983D:	2.0"
SCT-983B:	7.0"	SCT-983E:	3.0"



Top view into terminal box and mounting footprint



Bar detail

Primary Amps	Style Number	Accuracy/Burden Metering	Accuracy/Burden Relay
50	A49S5005010	±5% - 2.5VA	C10
100	A49S1015029	1.2B-0.1	C20
200	A49S2015049	0.6B-0.1	C40
300	A49S3015069	0.3B-0.1	C60
400	A49S4015089	0.3B-0.2	C75
500	A49S5015109	0.3B-0.5	C100
600	A49S6015109	0.3B-0.9	C100
800	A49S8015159	0.3B-1.8	C150
1000	A49S1025209	0.3B-1.8	C200
1200	A49S1225259	0.3B-1.8	C250
1500	A49S1525259	0.3B-1.8	C250
2000	A49S2025409	0.3B-1.8	C400
2500	A49S2525409	0.3B-1.8	C400
3000	**A49S3025409**	0.3B-1.8	C400
4000	A49S4025409	0.3B-1.8	C400
5000	A49S5025409	0.3B-1.8	C400
6000	A49S6025409	0.3B-1.8	C400

Window Diam. (in.)	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
5.0	4.0	13.5	9.38	4.63	45-50
5.0	4.0	13.5	9.38	4.63	45-50
5.0	4.0	13.5	9.38	4.63	45-50
5.0	4.0	13.5	9.38	4.63	45-50
5.0	4.0	13.5	9.38	4.63	45-50
5.0	4.0	13.5	9.38	4.63	45-50
5.0	4.0	13.5	9.38	4.63	45-50
5.0	3.0	13.5	9.38	4.63	45-50
5.0	2.0	13.5	9.38	4.63	45-50
5.0	2.0	13.5	9.38	4.63	45-50
5.0	1.5	13.5	9.38	4.63	45-50
5.0	1.5	13.5	9.38	4.63	45-50
5.0	1.0	13.5	9.38	4.63	45-50
5.0	1.0	13.5	9.38	4.63	45-50
5.0	1.0	13.5	9.38	4.63	45-50
5.0	1.0	13.5	9.38	4.63	45-50
5.0	1.0	13.5	9.38	4.63	45-50

Available in dual and multi-ratio designs.

IC Approval (AE-1470) is noted by bold catalog number.

One second thermal/mechanical ratings: 80 x full winding I_{nom} / unlimited mechanical.

Available with a secondary terminal box for outdoor use. Add a "T" as the last digit of style number.

store.ips.us

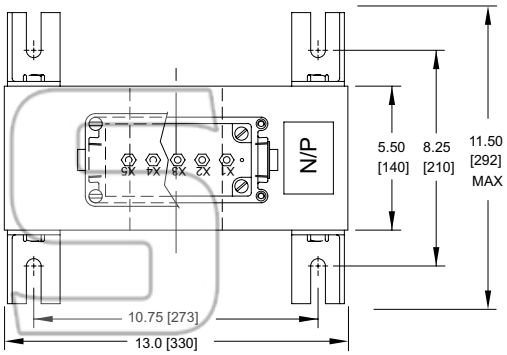
Courtesy of store.ips.us

TYPE RMB(X)-644

1VAP701081-DB

600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Thermal rise:
55°C @ 30°C ambient



	Primary Amps	Style Number	IEEE Metering Accuracy B-0.1	B-0.2	B-0.5	B-0.9	B-1.8
TYPE RMB-644	200	A120200S1	–	0.3	–	–	–
	300	A120300S1	–	–	0.3	–	–
	400	A120400S1	–	–	–	0.3	–
	500	A120500S1	–	–	–	–	0.3
	600	A120600S1	–	–	–	–	0.3
	800	A120800S1	–	–	–	–	0.3
	1000	A121000S1	–	–	–	–	0.3
	1200	A121200S1	–	–	–	–	0.3
	1500	A121500S1	–	–	–	–	0.3
	2000	A122000S1	–	–	–	–	0.3
	2500	A122500S1	–	–	–	–	0.3
	3000	A123000S1	–	–	–	–	0.3
	4000	A124000S1	–	–	–	–	0.3
	600MR	A120600M1	–	–	–	–	0.3
	1200MR	A121200M1	–	–	–	–	0.3
	2000MR	A122000M1	–	–	–	–	0.3
	3000MR	A123000M1	–	–	–	–	0.3
	4000MR	A124000M1	–	–	–	–	0.3

Window Diam.* (in.)	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
3.5	C100	3.0	20.3	13.0	11.50	100
3.5	C200	3.0	20.3	13.0	11.50	100
3.5	C250	3.0	20.3	13.0	11.50	100
3.5	C300	3.0	20.3	13.0	11.50	100
3.5	C400	3.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C800	2.0	20.3	13.0	11.50	100
3.5	C800	1.5	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100
3.5	C400	2.0	20.3	13.0	11.50	100

store.ips.us

	Primary Amps	Style Number	0.15/0.3 @ Burden	0.15/0.3 Accuracy Range
TYPE RMBX-644 **High accuracy**	400	A120400X1	B-0.5/B-0.9	400/4 to 1200A
	500	A120500X1	B-0.5/B-1.8	500/5 to 2000A
	600	A120600X1	B-0.9/B-1.8	600/6 to 2400A
	800	A120800X1	B-0.9/B-1.8	800/8 to 3200A
	1000	A121000X1	B-1.8	10 to 4000A
	1200	A121200X1	B-1.8	12 to 4800A
	1500	A121500X1	B-1.8	15 to 4500A
	2000	A122000X1	B-1.8	20 to 4000A

Window Diam.* (in.)	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
3.5	3.0	20.3	13.0	11.50	100
3.5	4.0	20.3	13.0	11.50	100
3.5	4.0	20.3	13.0	11.50	100
3.5	4.0	20.3	13.0	11.50	100
3.5	4.0	20.3	13.0	11.50	100
3.5	4.0	20.3	13.0	11.50	100
3.5	3.0	20.3	13.0	11.50	100
3.5	2.0	20.3	13.0	11.50	100

Available in dual-ratio designs (ratings same as single ratio above, change catalog digit “S” to “D”)

Units can also be supplied with C800 ratings (add “-512” to the end of the style number)

One second thermal/mechanical ratings: 80 x full winding I_{nom} / unlimited mechanical.

* Additional window sizes available.

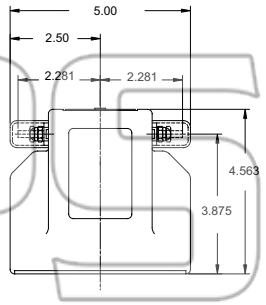
Courtesy of store.ips.us

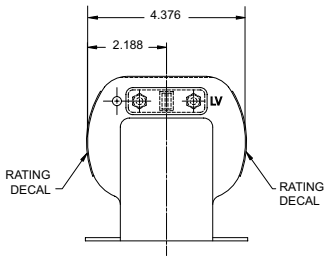
TYPES PPW and PPD

600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Thermal rating:
150 VA @ 30°C ambient
100 VA @ 55°C ambient

UL Recognized Component





	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE PPW	115/200Y	7526A04G10	1.061:1	0.3W, 0.6X	4.56	4.50	5.00	9
	120/208Y	7526A04G07	1:1	0.6W	4.56	4.50	5.00	9
	240/416Y	7526A04G01	2:1	0.3W, 0.6X	4.56	4.50	5.00	9
	276/478Y	7526A04G09	2.3:1	0.3W, 0.6X	4.56	4.50	5.00	9
	288/500Y	7526A04G02	2.4:1	0.3W, 0.6X	4.56	4.50	5.00	9
	300/520Y	7526A04G03	2.5:1	0.3W, 0.6X	4.56	4.50	5.00	9
	400/400Y	7526A04G06	3.33:1	0.3W, 0.6X	4.56	4.50	5.00	9
	480/480Y	7526A04G04	4:1	0.3W, 0.6X	4.56	4.50	5.00	9
	480/480Y	7526A04G08	2:1	0.3@12.5VA	4.56	4.50	5.00	9
	500/500Y	7526A04G11	4.167:1	0.3W, 0.6X	4.56	4.50	5.00	9
	600/600Y	7526A04G05	5:1	0.3W, 0.6X	4.56	4.50	5.00	9
	600/600Y	7526A04G12	2.5:1	0.3W, 0.6X	4.56	4.50	5.00	9

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE PPD	69.4/120Y	7526A05G06	0.58:1	0.6W, 1.2X	4.56	4.50	5.00	9
	120/208Y	7526A05G07	1:1	0.6W, 1.2X	4.56	4.50	5.00	9
	208/208Y	7526A05G08	1.73:1	0.6W, 1.2X	4.56	4.50	5.00	9
	240/416Y	7526A05G01	2:1	0.6W, 1.2X	4.56	4.50	5.00	9
	288/500Y	7526A05G02	2.4:1	0.6W, 1.2X	4.56	4.50	5.00	9
	300/520Y	7526A05G03	2.5:1	0.6W, 1.2X	4.56	4.50	5.00	9
	380/380Y	7526A05G09	3.17:1	0.6W, 1.2X	4.56	4.50	5.00	9
	480/480Y	7526A05G04	4:1	0.6W, 1.2X	4.56	4.50	5.00	9
	600/600Y	7526A05G05	5:1	0.6W, 1.2X	4.56	4.50	5.00	9

For 50 Hz designs contact factory.

* Stated accuracies are applicable for 60 Hz

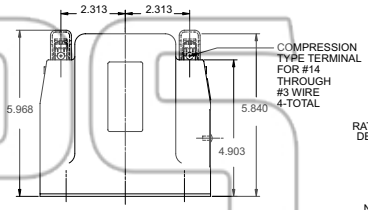
Courtesy of store.ips.us

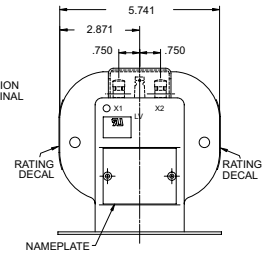
TYPES PPM and PPX

600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Thermal rating:
500 VA @ 30°C ambient
350 VA @ 55°C ambient

UL Recognized Component





	Primary Voltage	Style Number	Ratio
TYPE PPM	240/416Y	7526A10G01	2:1
	288/500Y	7526A10G02	2.4:1
	300/520Y	7526A10G03	2.5:1
	480/480Y	7526A10G04	4:1
	600/600Y	7526A10G05	5:1
	120/208Y	7526A10G06	1:1

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3Y	5.97	5.87	6.12	19
0.3Y	5.97	5.87	6.12	19
0.3Y	5.97	5.87	6.12	19
0.3Y	5.97	5.87	6.12	19
0.3Y	5.97	5.87	6.12	19
0.3Y	5.97	5.87	6.12	19

store.ips.us

	Primary Voltage	Style Number	Ratio
TYPE PPX	40/70Y	7525A16G06	.3333:1
	48/83Y	7525A16G07	0.4:1
	60/104Y +	7525A16G10	0.5:1
	69.3/120Y	7525A16G03	0.578:1
	120/208Y +	7525A16G01	1:1
	120/208Y* +	7525A16G05	1.7143:1
	207.8/360Y	7525A16G09	1.7317:1
	346/600Y	7525A16G08	2.8833:1
	400/400Y +	7525A16G04	3.33:1

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3W, 0.6X	5.97	5.87	6.12	19
0.3W, 0.6X, 1.2Y	5.97	5.87	6.12	19
0.6Y	5.97	5.87	6.12	19
0.3W, 0.6Y	5.97	5.87	6.12	19
0.6Y	5.97	5.87	6.12	19
0.3X	5.97	5.87	6.12	19
0.3Y	5.97	5.87	6.12	19
0.3Y	5.97	5.87	6.12	19
0.3W, 0.6X	5.97	5.87	6.12	19

* 70 V Secondary

\+ Thermal rating: 350 VA @ 30°C Ambient (50 Hz)

Courtesy of store.ips.us

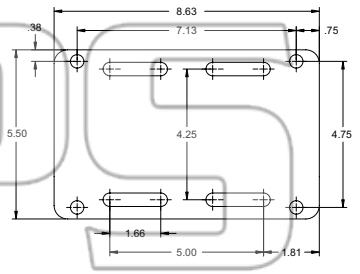
TYPE KIR-60

Indoor
60 kV BIL
50/60 Hertz*

Mechanical rating:
5 thru 600 Amps, 150 x normal
800 Amps, 110 x normal

Thermal rating:
5 thru 600 Amps, 100 x normal for 1 second
800 Amps, 75 x normal for 1 second

Mounting base dimensions (in)



Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
5	7524A01G01	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
10	7524A01G02	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
15	7524A01G03	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
20	7524A01G04	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
25	7524A01G05	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
30	7524A01G06	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
40	7524A01G07	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
50	7524A01G08	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
75	7524A01G09	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
100	7524A01G10	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
150	7524A01G11	0.3B-1.8	T100	1.5	8.06	6.13	15.0	35
200	7524A01G12	0.3B-1.8	T100	1.5	8.06	6.13	15.0	38
300	7524A01G13	0.3B-1.8	T100	1.5	8.06	6.13	15.0	38
400	7524A01G14	0.3B-1.8	T100	1.5	8.06	6.13	15.0	38
600	7524A01G15	0.3B-1.8	T100	1.5	8.06	6.13	15.0	38
800	7524A01G16	0.3B-1.8	T100	1.33	8.06	6.13	15.0	38
1000	7524A01G21	0.3B-1.8	T100	1.2	8.06	6.13	15.0	38
1200	7524A01G20	0.3B-1.8	T100	1.0	8.06	6.13	15.0	38

* Accuracy 20% less at 50 Hz

store.ips.us

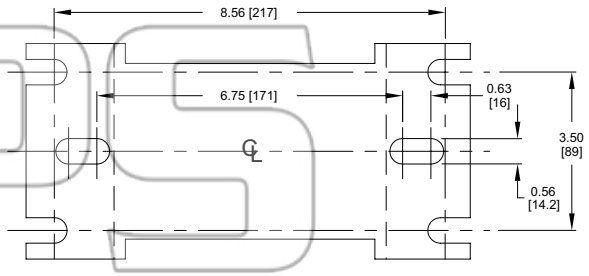
Courtesy of store.ips.us

TYPE TD-994

1VAP701141-DB

5000 volts
Indoor/outdoor
60 kV BIL
60 Hertz

Mounting base dimensions (in. [mm])



Primary Amps	Style Number	IEEE Metering Accuracy	Window Diam. (in.)	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	B130100S1	0.3B-0.1	3.44	C10	2.0	12.0	9.75	9.0	40
200	B130200S1	0.3B-0.2	3.44	C20	2.0	12.0	9.75	9.0	40
300	B130300S1	0.3B-0.2	3.44	C50	2.0	12.0	9.75	9.0	40
400	B130400S1	0.3B-0.5	3.44	C75	2.0	12.0	9.75	9.0	40
500	B130500S1	0.3B-0.5	3.44	C100	2.0	12.0	9.75	9.0	40
600	B130600S1	0.3B-0.5	3.44	C100	2.0	12.0	9.75	9.0	40
800	B130800S1	0.3B-0.9	3.44	C150	2.0	12.0	9.75	9.0	40
1000	B131000S1	0.3B-1.8	3.44	C200	2.0	12.0	9.75	9.0	40
1200	**B131200S1**	0.3B-1.8	3.44	C200	2.0	12.0	9.75	9.0	40
1500	B131500S1	0.3B-1.8	3.44	C200	2.0	12.0	9.75	9.0	40
2000	B132000S1	0.3B-1.8	3.44	C200	2.0	12.0	9.75	9.0	40
2500	B132500S1	0.3B-1.8	3.44	C200	2.0	12.0	9.75	9.0	40
3000	B133000S1	0.3B-1.8	3.44	C200	1.0	12.0	9.75	9.0	40
4000	B134000S1	0.3B-1.8	3.44	C200	1.0	12.0	9.75	9.0	40
200/400	B130200D1	0.3B-0.2/0.3B-0.5	3.44	C20/C40	2.0/2.0	12.0	9.75	9.0	40
300/600	B130300D1	0.3B-0.2/0.3B-0.5	3.44	C50/C100	2.0/2.0	12.0	9.75	9.0	40
400/800	B130400D1	0.3B-0.5/0.3B-0.9	3.44	C75/C150	2.0/2.0	12.0	9.75	9.0	40
600/1200	B130600D1	0.3B-0.5/0.3B-1.8	3.44	C100/C200	2.0/2.0	12.0	9.75	9.0	40
1000/2000	B131000D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/2.0	12.0	9.75	9.0	40
1500/3000	B131500D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/1.0	12.0	9.75	9.0	40
2000/4000	B132000D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/1.0	12.0	9.75	9.0	40

Available in multi-ratio designs (full tap ratings same as single ratio above)

One second thermal/mechanical ratings: 60 x full winding I_{nom} / unlimited mechanical.

IC Approval AE-1335 is noted by bold catalog number

Available with a 14" primary bar kit (maximum 4000 A). Change last digit of style from 1 to 3.

store.ips.us

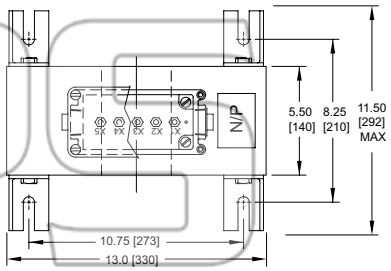
Courtesy of store.ips.us

1VAP701131-DB

TYPE RMB(X)-631

5000 Volts
Indoor/outdoor
60 kV BIL
60 Hertz

Mounting base dimensions (in. [mm])



	Primary Amps	Style Number*	IEEE Metering Accuracy	Window Diam. (in.)	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE RMB-631	200	B180200S1	0.3B-0.2	3.44	C100	3.0	20.3	13.0	11.50	100
	300	B180300S1	0.3B-0.5	3.44	C200	3.0	20.3	13.0	11.50	100
	400	B180400S1	0.3B-0.9	3.44	C250	3.0	20.3	13.0	11.50	100
	500	B180500S1	0.3B-1.8	3.44	C300	3.0	20.3	13.0	11.50	100
	600	B180600S1	0.3B-1.8	3.44	C400	3.0	20.3	13.0	11.50	100
	800	B180800S1	0.3B-1.8	3.44	C400	2.0	20.3	13.0	11.50	100
	1000	B181000S1	0.3B-1.8	3.44	C400	2.0	20.3	13.0	11.50	100
	1200	B181200S1	0.3B-1.8	3.44	C400	2.0	20.3	13.0	11.50	100
	1500	B181500S1	0.3B-1.8	3.44	C400	2.0	20.3	13.0	11.50	100
	2000	B182000S1*	0.3B-1.8	3.44	C400*	2.0	20.3	13.0	11.50	100
	2500	B182500S1*	0.3B-1.8	3.44	C400*	2.0	20.3	13.0	11.50	100
	3000	B183000S1*	0.3B-1.8	3.44	C400*	2.0	20.3	13.0	11.50	100
	4000	B184000S1*	0.3B-1.8	3.44	C400*	2.0	20.3	13.0	11.50	100
	600 MR	B180600M1	0.3B-1.8	3.44	C400	2.0	20.3	13.0	11.50	100
	1200 MR	B181200M1	0.3B-1.8	3.44	C400	2.0	20.3	13.0	11.50	100
	2000 MR	B182000M1*	0.3B-1.8	3.44	C400*	2.0	20.3	13.0	11.50	100
	3000 MR	B183000M1*	0.3B-1.8	3.44	C400*	2.0	20.3	13.0	11.50	100
	4000 MR	B184000M1*	0.3B-1.8	3.44	C400*	2.0	20.3	13.0	11.50	100

store.ips.us

Available in dual-ratio designs (ratings same as single ratio above, change style digit “S” to “D”

* Units can also be supplied with C800 ratings (add “-512” to the end of the style number)

	Primary Amps	Style Number	0.15/0.3 @ Burden	0.15/0.3 Accuracy Range	Window Diam. (in.)	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE RMBX-631 **High accuracy**	400	B180400X1	B-0.5/B-0.9	400/4 to 1200A	3.44	3.0	20.3	13.0	11.50	100
	500	B180500X1	B-0.5/B-1.8	500/5 to 2000A	3.44	4.0	20.3	13.0	11.50	100
	600	B180600X1	B-0.9/B-1.8	600/6 to 2400A	3.44	4.0	20.3	13.0	11.50	100
	800	B180800X1	B-0.9/B-1.8	800/8 to 3200A	3.44	4.0	20.3	13.0	11.50	100
	1000	B181000X1	B-1.8	10 to 4000A	3.44	4.0	20.3	13.0	11.50	100
	1200	B181200X1	B-1.8	12 to 4800A	3.44	4.0	20.3	13.0	11.50	100
	1500	B181500X1	B-1.8	15 to 4500A	3.44	3.0	20.3	13.0	11.50	100
	2000	B182000X1	B-1.8	20 to 4000A	3.44	2.0	20.3	13.0	11.50	100

One second thermal/mechanical ratings: 80 x full winding I_{nom} / unlimited mechanical.

Available with a 19.5" primary bar kit (maximum 4000 A). Change last digit of style from 1 to 3.

Courtesy of store.ips.us

TYPE KIT-60

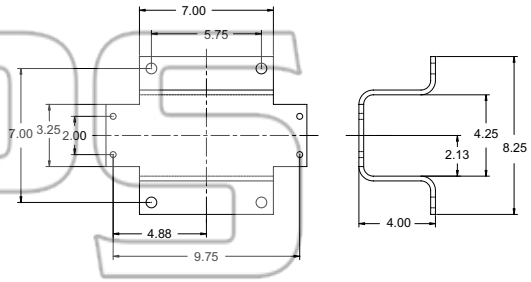
1VAP429151-DB

Indoor
60 kV BIL
60 Hertz*

Mechanical Rating:
All units effectively unlimited

Thermal Rating:
800 and 1200 amps: 80 x normal, 1 second
1500 amps & above: 100 x normal, 1 second

Mounting base dimensions (in)



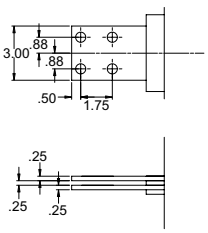
	Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIT-60 **Tube type** 3.25" ID	800	7524A42G01	0.3B-0.9	3.0	C100	15.37	10.50	10.25	42
	1200	7524A42G02	0.3B-1.8	2.0	C200	15.37	10.50	10.25	42
	1500	7524A42G03	0.3B-1.8	2.0	C200	15.37	10.50	10.25	42
	2000	7524A42G04	0.3B-1.8	2.0	C200	15.37	10.50	10.25	42
	3000	7524A42G05	0.3B-1.8	1.5	C200	15.37	10.50	10.25	42
	4000	7524A42G06	0.3B-1.8	1.5	C200	15.37	10.50	10.25	42
	600/1200	7524A42G07	0.3B-1.8/0.3B-1.8	2.0	C100/C200	15.37	10.50	10.25	42
	1000/2000	7524A42G08	0.3B-0.9/0.3B-1.8	2.0	C100/C200	15.37	10.50	10.25	42
	2000/4000	7524A42G09	0.3B-1.8/0.3B-1.8	1.5	C100/C200	15.37	10.50	10.25	42

store.ips.us

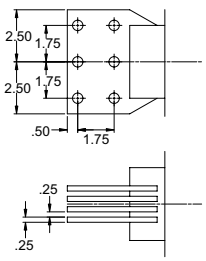
	Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIT-60 **Bar type**	800	923A272G01	0.3B-0.9	2.0	C100	15.38	10.50	19.62	66
	1200	923A272G02	0.3B-1.8	2.0	C200	15.38	10.50	19.62	66
	1500	923A272G03	0.3B-1.8	2.0	C200	15.38	10.50	19.62	66
	2000	923A272G04	0.3B-1.8	1.5	C200	15.38	10.50	19.62	66
	3000	923A272G05	0.3B-1.8	1.33	C200	15.38	10.50	19.62	66
	4000	923A272G06	0.3B-1.8	1.0	C200	15.38	10.50	19.62	66
	600/1200	923A272G07	0.3B-0.5/0.3B-1.8	2.0	C100/C200	15.38	10.50	19.62	66
	1000/2000	923A272G08	0.3B-0.9/0.3B-1.8	1.5	C100/C200	15.38	10.50	19.62	66
	2000/4000	923A272G09	0.3B-1.8/0.3B-1.8	1.0	C200/C200	15.38	10.50	19.62	66

Bar dimensions:

Primary Terminals
1200 Amperes and Below



Primary Terminals
Above 1200 Amperes



Contact factory for 0.15S accuracy class

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

TYPE KOR-60

Outdoor
5 kV, 60 kV BIL
50/60 Hertz*

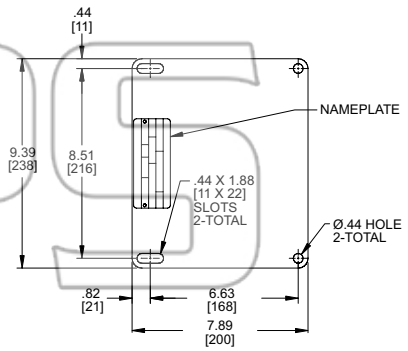
Mechanical Rating:
5 thru 600 Amps, 150 x normal
800 Amps, 110 x normal
1000 Amps, 150 x normal

Thermal Rating:
5 thru 600 Amps, 100 x normal for 1 second
800 Amps, 75 x normal for 1 second
1000 Amps, 50 x normal for 1 second

Creep:
13.3" (338 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



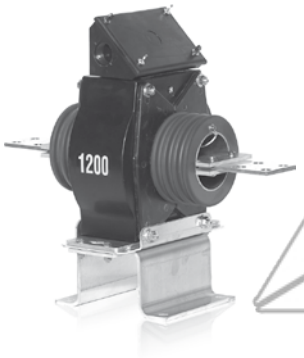
Primary Amps	Style Number	IEEE Metering Accuracy
5	E-7524A10G01	0.3B-1.8
10	E-7524A10G02	0.3B-1.8
15	E-7524A10G03	0.3B-1.8
20	E-7524A10G04	0.3B-1.8
25	E-7524A10G05	0.3B-1.8
30	E-7524A10G06	0.3B-1.8
40	E-7524A10G07	0.3B-1.8
50	E-7524A10G08	0.3B-1.8
75	E-7524A10G09	0.3B-1.8
100	E-7524A10G10	0.3B-1.8
150	E-7524A10G11	0.3B-1.8
200	E-7524A10G12	0.3B-1.8
300	E-7524A10G13	0.3B-1.8
400	E-7524A10G14	0.3B-1.8
600	E-7524A10G15	0.3B-1.8
800	E-7524A10G16	0.3B-1.8
1000	E-7524A10G17	0.3B-1.8

Relay Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.33	12.44	9.63	10.95	40
T70	1.33	12.44	9.63	10.95	40

store.ips.us

Courtesy of store.ips.us

TYPE KOT-60

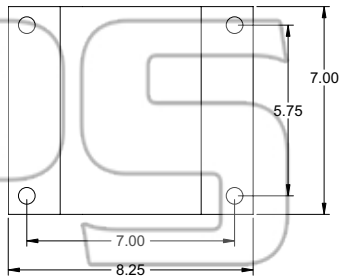


Outdoor
5 kV, 60 kV BIL
50/60 Hertz*

Mechanical rating:
All units effectively unlimited

Thermal rating:
800 and 1200 Amps: 80 x normal, 1 second
1500 Amps and above: 100 x normal, 1 second

Mounting base dimensions (in)



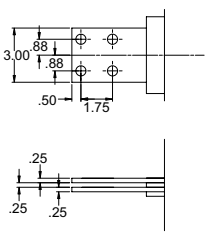
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOT-60 **Tube type** 3.25" ID	800	7524A32G01	0.3B-0.9	C100	2.0	17.25	10.50	10.25	40
	1200	7524A32G02	0.3B-1.8	C200	2.0	17.25	10.50	10.25	40
	1500	7524A32G03	0.3B-1.8	C200	2.0	17.25	10.50	10.25	40
	2000	7524A32G04	0.3B-1.8	C200	2.0	17.25	10.50	10.25	40
	3000	7524A32G05	0.3B-1.8	C200	1.5	17.25	10.50	10.25	40
	4000	7524A32G06	0.3B-1.8	C200	1.5	17.25	10.50	10.25	40
	600/1200	7524A32G07	0.3B-0.5/B-1.8	C100/C200	3.0/2.0	17.25	10.50	10.25	40
	1000/2000	7524A32G08	0.3B-0.9/B-1.8	C100/C200	3.0/2.0	17.25	10.50	10.25	40
	2000/4000	7524A32G09	0.3B-1.8/B-1.8	C100/C200	2.0/1.5	17.25	10.50	10.25	40

store.ips.us

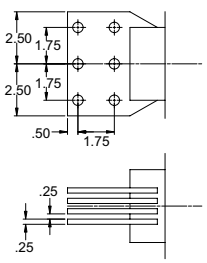
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOT-60 **Bar type**	800	923A271G01	0.3B-0.9	C100	2.0	17.25	10.50	19.62	62
	1200	923A271G02	0.3B-1.8	C200	2.0	17.25	10.50	19.62	62
	1500	923A271G03	0.3B-1.8	C200	2.0	17.25	10.50	19.62	62
	2000	923A271G04	0.3B-1.8	C200	1.50	17.25	10.50	19.62	62
	3000	923A271G05	0.3B-1.8	C200	1.33	17.25	10.50	19.62	73
	4000	923A271G06	0.3B-1.8	C200	1.00	17.25	10.50	19.62	73
	600/1200	923A271G07	0.3B-0.5/B-1.8	C100/C200	3.0/2.0	17.25	10.50	19.62	62
	1000/2000	923A271G08	0.3B-0.9/B-1.8	C100/C200	2.0/1.5	17.25	10.50	19.62	62
	2000/4000	923A271G09	0.3B-1.8/B-1.8	C100/C200	1.5/1.0	17.25	10.50	19.62	73

Bar dimensions:

Primary terminals:
1200 amperes and below



Primary terminals:
Above 1200 amperes



Contact factory for 0.15S accuracy class

* Accuracy 20% less at 50 Hertz

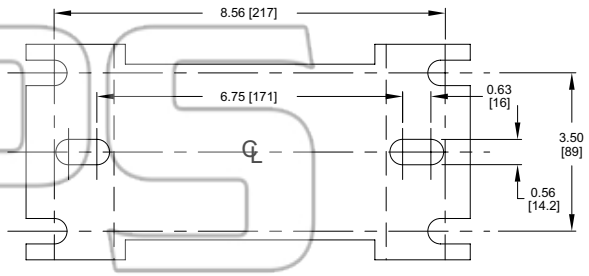
Courtesy of store.ips.us

TYPE HSB-994

1VAP701151-DB

8700 Volts
Indoor/outdoor
75 kV BIL
60 Hertz

Mounting base dimensions (in. [mm])



Primary Amps	Style Number	IEEE Metering Accuracy	Window Diam. (in.)	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	C170100S1	0.3B-0.1	3.44	C10	2.0	12.0	9.0	9.75	40
200	C170200S1	0.3B-0.2	3.44	C20	2.0	12.0	9.0	9.75	40
300	C170300S1	0.3B-0.2	3.44	C50	2.0	12.0	9.0	9.75	40
400	C170400S1	0.3B-0.5	3.44	C75	2.0	12.0	9.0	9.75	40
500	C170500S1	0.3B-0.5	3.44	C100	2.0	12.0	9.0	9.75	40
600	C170600S1	0.3B-0.5	3.44	C100	2.0	12.0	9.0	9.75	40
800	C170800S1	0.3B-0.9	3.44	C150	2.0	12.0	9.0	9.75	40
1000	C171000S1	0.3B-1.8	3.44	C200	2.0	12.0	9.0	9.75	40
1200	C171200S1	0.3B-1.8	3.44	C200	2.0	12.0	9.0	9.75	40
1500	C171500S1	0.3B-1.8	3.44	C200	2.0	12.0	9.0	9.75	40
2000	C172000S1	0.3B-1.8	3.44	C200	2.0	12.0	9.0	9.75	40
2500	C172500S1	0.3B-1.8	3.44	C200	2.0	12.0	9.0	9.75	40
3000	C173000S1	0.3B-1.8	3.44	C200	1.0	12.0	9.0	9.75	40
4000	C174000S1	0.3B-1.8	3.44	C200	1.0	12.0	9.0	9.75	40
200/400	C170200D1	0.3B-0.2/0.3B-0.5	3.44	C20/C40	2.0/2.0	12.0	9.0	9.75	40
300/600	C170300D1	0.3B-0.2/0.3B-0.5	3.44	C50/C100	2.0/2.0	12.0	9.0	9.75	40
400/800	C170400D1	0.3B-0.5/0.3B-0.9	3.44	C75/C150	2.0/2.0	12.0	9.0	9.75	40
600/1200	C170600D1	0.3B-0.5/0.3B-1.8	3.44	C100/C200	2.0/2.0	12.0	9.0	9.75	40
1000/2000	C171000D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/2.0	12.0	9.0	9.75	40
1500/3000	C171500D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/1.0	12.0	9.0	9.75	40
2000/4000	C172000D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/1.0	12.0	9.0	9.75	40

Available in multi-ratio designs (full tap ratings same as single ratio above).

One second thermal/mechanical ratings: 60 x full winding I_{nom} / unlimited mechanical.

Available with a 14" primary bar kit (maximum 4000 A). Change last digit of style from 1 to 3.

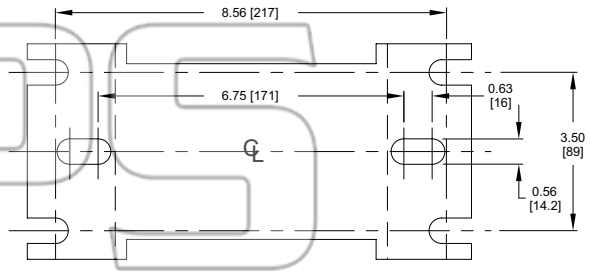
Courtesy of store.ips.us

TYPE HTD-994

1VAP701161-DB

8700 Volts
Indoor/outdoor
75 kV BIL
60 Hertz

Mounting base dimensions (in. [mm])



Primary Amps	Style Number	IEEE Metering Accuracy	Window Diam. (in.)	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	C130100S1	-	3.44	C10	2.0	14.88	9.0	9.75	45
200	C130200S1	0.3B-0.2	3.44	C20	2.0	14.88	9.0	9.75	45
300	C130300S1	0.3B-0.2	3.44	C50	2.0	14.88	9.0	9.75	45
400	C130400S1	0.3B-0.5	3.44	C75	2.0	14.88	9.0	9.75	45
500	C130500S1	0.3B-0.5	3.44	C100	2.0	14.88	9.0	9.75	45
600	C130600S1	0.3B-0.5	3.44	C100	2.0	14.88	9.0	9.75	45
800	C130800S1	0.3B-0.9	3.44	C150	2.0	14.88	9.0	9.75	45
1000	C131000S1	0.3B-1.8	3.44	C200	2.0	14.88	9.0	9.75	45
1200	C131200S1	0.3B-1.8	3.44	C200	2.0	14.88	9.0	9.75	45
1500	C131500S1	0.3B-1.8	3.44	C200	2.0	14.88	9.0	9.75	45
2000	C132000S1	0.3B-1.8	3.44	C200	2.0	14.88	9.0	9.75	45
2500	C132500S1	0.3B-1.8	3.44	C200	2.0	14.88	9.0	9.75	45
3000	C133000S1	0.3B-1.8	3.44	C200	1.0	14.88	9.0	9.75	45
4000	C134000S1	0.3B-1.8	3.44	C200	1.0	14.88	9.0	9.75	45
200/400	C130200D1	0.3B-0.2/0.3B-0.5	3.44	C20/C40	2.0/2.0	14.88	9.0	9.75	45
300/600	C130300D1	0.3B-0.2/0.3B-0.5	3.44	C50/C100	2.0/2.0	14.88	9.0	9.75	45
400/800	C130400D1	0.3B-0.5/0.3B-0.9	3.44	C75/C150	2.0/2.0	14.88	9.0	9.75	45
600/1200	C130600D1	0.3B-0.5/0.3B-1.8	3.44	C100/C200	2.0/2.0	14.88	9.0	9.75	45
1000/2000	C131000D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/2.0	14.88	9.0	9.75	45
1500/3000	C131500D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/1.0	14.88	9.0	9.75	45
2000/4000	C132000D1	0.3B-1.8/0.3B-1.8	3.44	C100/C200	2.0/1.0	14.88	9.0	9.75	45

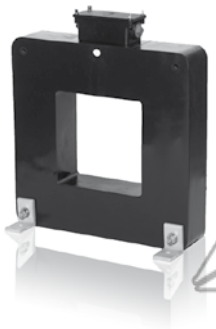
Available in multi-ratio designs (full tap ratings same as single ratio above).

One second thermal/mechanical ratings: 60 x full winding I_{nom} / unlimited mechanical.

Available with a 14" primary bar kit (maximum 4000 A). Change last digit of style from 1 to 3.

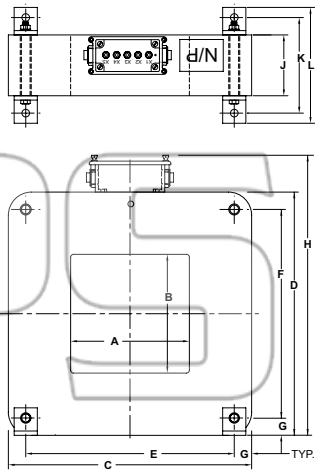
Courtesy of store.ips.us

TYPE STBB-991/992



8700 Volts
Indoor/outdoor
75 kV BIL
60 Hertz

Window sizes:
STBB-991: 10.25" x 10.25"
STBB-992: 12.25" x 12.25"



1VAP701171-DB

*Dimensions listed below

Primary Amps	Style Number STBB-991	STBB-992	IEEE Metering Accuracy	Relay Accuracy	Rating Factor @ 30°C
600	C150600S1	C160600S1	0.3B-0.2	C100	2.0
800	C150800S1	C160800S1	0.3B-0.2	C100	2.0
1000	C151000S1	C161000S1	0.3B-0.5	C150	2.0
1200	C151200S1	C161200S1	0.3B-0.9	C200	2.0
1500	C151500S1	C161500S1	0.3B-0.9	C200	2.0
2000	C152000S1	C162000S1	0.3B-1.8	C200	2.0
2500	C152500S1	C162500S1	0.3B-1.8	C300	2.0
3000	C153000S1	C163000S1	0.3B-1.8	C400	2.0
4000	C154000S1	C164000S1	0.3B-1.8	C400	2.0
5000	C155000S1	C165000S1	0.3B-1.8	C600	1.5
6000	C156000S1	C166000S1	0.3B-1.8	C800	1.5
8000	C158000S1	C168000S1	0.3B-1.8	C800	1.5
9000	C159000S1	C169000S1	0.3B-1.8	C800	1.5
10000	C1510000S1	C1610000S1	0.3B-1.8	C800	1.5
12000	C1512000S1	C1612000S1	0.3B-1.8	C800	1.5
1000/2000	C151000D1	C161000D1	0.3B-0.5/0.3B-1.8	C100/C200	2.0/2.0
2000/4000	C152000D1	C162000D1	0.3B-1.8/0.3B-1.8	C200/C400	2.0/1.5
3000/6000	C153000D1	C163000D1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/1.5
4000/8000	C154000D1	C164000D1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/1.5
5000/10000	C155000D1	C165000D1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/1.0
6000/8000	C156080D1	C166080D1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/1.5
6000/10000	C1560100D1	C1660100D1	0.3B-1.8/0.3B-1.8	C400/C800	1.5/1.0
6000/12000	C156000D1	C166000D1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/1.5
8000/12000	C1580120D1	C1680120D1	0.3B-1.8/0.3B-1.8	C400/C800	1.5/1.0
10000/12000	C1510012D1	C1610012D1	0.3B-1.8/0.3B-1.8	C600/C800	1.0/1.0

Available in multi-ratio designs (full tap ratings same as single ratio above).

One second thermal/mechanical ratings: 80 x full winding I_{nom} / unlimited mechanical.

Unit Dimensions

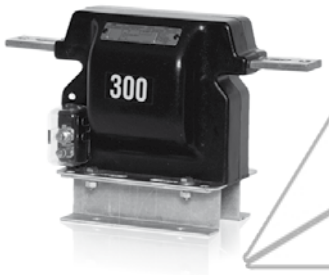
STBB	A	B	C	D	E	F
-991	10.25	10.25	21.0	21.0	18.0	18.0
-992	12.25	12.25	23.0	23.0	20.0	20.0
STBB	**G**	**H**	**J**	**K**	**L**	
-991	1.5	24.0	*	J + 3.0	J + 6.0	
-992	1.5	27.0	*	J + 3.0	J + 6.0	

* 3.5" [89] minimum, 8.5" [216] maximum. Based on ratio and accuracy.
Note: For dimensions A and B, window is geometrically centered.

store.ips.us

Courtesy of store.ips.us

TYPE KIR-75

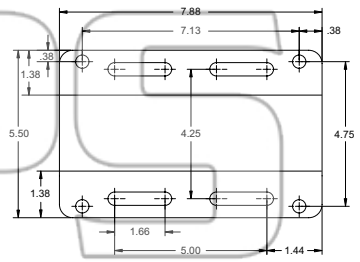


Indoor
75 kV BIL
50/60 Hertz*

Mechanical rating:
5 thru 600 Amps, 150 x normal
800 Amps, 110 x normal

Thermal rating:
5 thru 600 Amps, 100 x normal for 1 second
800 Amps, 75 x normal for 1 second

Mounting base dimensions (in)



Primary Amps	Style Number	IEEE Metering Accuracy
5	7524A02G01	0.3B-1.8
10	7524A02G02	0.3B-1.8
15	7524A02G03	0.3B-1.8
20	7524A02G04	0.3B-1.8
25	7524A02G05	0.3B-1.8
30	7524A02G06	0.3B-1.8
40	7524A02G07	0.3B-1.8
50	7524A02G08	0.3B-1.8
75	7524A02G09	0.3B-1.8
100	7524A02G10	0.3B-1.8
150	7524A02G11	0.3B-1.8
200	7524A02G12	0.3B-1.8
300	7524A02G13	0.3B-1.8
400	7524A02G14	0.3B-1.8
600	7524A02G15	0.3B-1.8
800	7524A02G16	0.3B-1.8
1200	7524A02G19	0.3B-1.8

Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	35
T100	1.5	10.31	6.13	16.0	39
T100	1.5	10.31	6.13	16.0	39
T100	1.33	10.31	6.13	16.0	39
T100	1.0	10.31	6.13	16.0	39

store.ips.us

* Accuracy 20% less at 50 Hz

Courtesy of store.ips.us

TYPE KIT-75

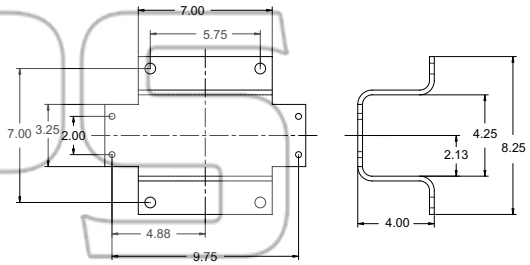
1VAP429151-DB

Indoor
75 kV BIL
60 Hertz*

Mechanical Rating:
All units effectively unlimited

Thermal Rating:
800 and 1200 amps: 80 x normal, 1 sec
1500 amps & above: 100 x normal, 1 sec

Mounting base dimensions (in)

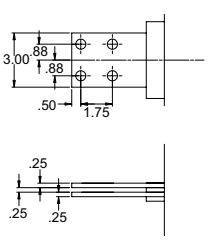


	Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIT-75 **Tube type** 3.25" ID	800	7524A43G01	0.3B-0.9	3.0	C100	15.37	10.50	13.25	44
	1200	7524A43G02	0.3B-1.8	2.0	C200	15.37	10.50	13.25	44
	1500	7524A43G03	0.3B-1.8	2.0	C200	15.37	10.50	13.25	44
	2000	7524A43G04	0.3B-1.8	2.0	C200	15.37	10.50	13.25	44
	3000	7524A43G05	0.3B-1.8	1.5	C200	15.37	10.50	13.25	44
	4000	7524A43G06	0.3B-1.8	1.5	C200	15.37	10.50	13.25	44
	600/1200	7524A43G07	0.3B-1.8/0.3B-1.8	2.0	C100/C200	15.37	10.50	13.25	44
	1000/2000	7524A43G08	0.3B-0.9/0.3B-1.8	2.0	C100/C200	15.37	10.50	13.25	44
	2000/4000	7524A43G09	0.3B-1.8/0.3B-1.8	1.5	C100/C200	15.37	10.50	13.25	44

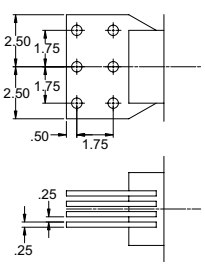
	Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIT-75 **Bar type**	800	923A274G01	0.3B-0.9	2.0	C100	15.38	10.50	22.62	70
	1200	923A274G02	0.3B-1.8	2.0	C200	15.38	10.50	22.62	70
	1500	923A274G03	0.3B-1.8	2.0	C200	15.38	10.50	22.62	70
	2000	923A274G04	0.3B-1.8	1.5	C200	15.38	10.50	22.62	70
	3000	923A274G05	0.3B-1.8	1.33	C200	15.38	10.50	22.62	70
	4000	923A274G06	0.3B-1.8	1.0	C200	15.38	10.50	22.62	70
	600/1200	923A274G07	0.3B-0.5/0.3B-1.8	2.0	C100/C200	15.38	10.50	22.62	70
	1000/2000	923A274G08	0.3B-0.9/0.3B-1.8	1.5	C100/C200	15.38	10.50	22.62	70
	2000/4000	923A274G09	0.3B-1.8/0.3B-1.8	1.0	C200/C200	15.38	10.50	22.62	70

Bar dimensions:

Primary Terminals 1200 Amperes and Below



Primary Terminals Above 1200 Amperes



Contact factory for 0.15S accuracy class

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

TYPE KOR-75

Note: These units encapsulated with HCEP material; also available with polyurethane.

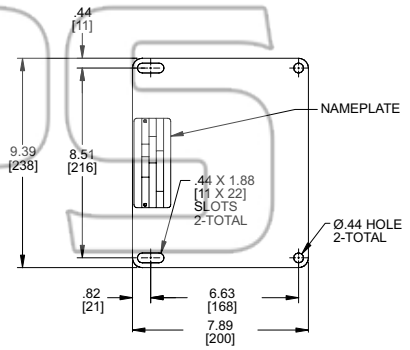
Outdoor
8.7 kV, 75 kV BIL
50/60 Hertz*

Mechanical Rating:
5 thru 600 Amps, 150 x normal
800 Amps, 110 x normal
1000 Amps, 150 x normal

Thermal Rating:
5 thru 600 Amps, 100 x normal for 1 second
800 Amps, 75 x normal for 1 second
1000 Amps, 50 x normal for 1 second

Creep:
13.3" (338 mm)

Mounting base dimensions (in. [mm])



Primary Amps	Style Number	IEEE Metering Accuracy
5	E-7524A11G01	0.3B-1.8
10	E-7524A11G02	0.3B-1.8
15	E-7524A11G03	0.3B-1.8
20	E-7524A11G04	0.3B-1.8
25	E-7524A11G05	0.3B-1.8
30	E-7524A11G06	0.3B-1.8
40	E-7524A11G07	0.3B-1.8
50	E-7524A11G08	0.3B-1.8
75	E-7524A11G09	0.3B-1.8
100	E-7524A11G10	0.3B-1.8
150	E-7524A11G11	0.3B-1.8
200	E-7524A11G12	0.3B-1.8
300	E-7524A11G13	0.3B-1.8
400	E-7524A11G14	0.3B-1.8
600	E-7524A11G15	0.3B-1.8
800	E-7524A11G16	0.3B-1.8
1000	E-7524A11G17	0.3B-1.8

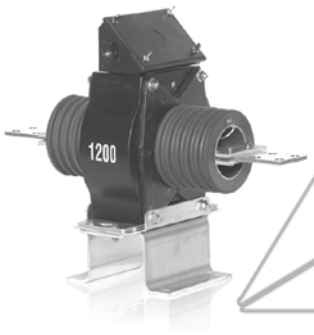
Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.5	12.44	9.63	10.95	40
T100	1.33	12.44	9.63	10.95	40
T70	1.33	12.44	9.63	10.95	40

* Accuracy 20% less at 50 Hertz

store.ips.us

Courtesy of store.ips.us

TYPE KOT-75

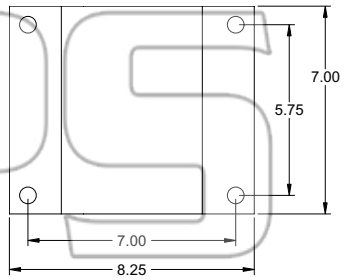


Outdoor
8.7 kV,75 kV BIL
50/60 Hertz*

Mechanical rating:
All units effectively unlimited

Thermal rating:
800 and 1200 Amps: 80 x normal, 1 second
1500 Amps and above: 100 x normal, 1 second

Mounting base dimensions (in)



IPS

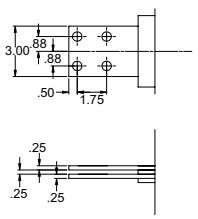
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOT-75 **Tube type** 3.25" ID	800	7524A33G01	0.3B-0.9	C100	2.0	17.25	10.50	13.25	43
	1200	7524A33G02	0.3B-1.8	C200	2.0	17.25	10.50	13.25	43
	1500	7524A33G03	0.3B-1.8	C200	2.0	17.25	10.50	13.25	43
	2000	7524A33G04	0.3B-1.8	C200	2.0	17.25	10.50	13.25	43
	3000	7524A33G05	0.3B-1.8	C200	1.5	17.25	10.50	13.25	43
	4000	7524A33G06	0.3B-1.8	C200	1.5	17.25	10.50	13.25	43
	600/1200	7524A33G07	0.3B-0.5/B-1.8	C100/C200	3.0/2.0	17.25	10.50	13.25	43
	1000/2000	7524A33G08	0.3B-0.9/B-1.8	C100/C200	3.0/2.0	17.25	10.50	13.25	43
	2000/4000	7524A33G09	0.3B-1.8/B-1.8	C100/C200	2.0/1.5	17.25	10.50	13.25	43

store.ips.us

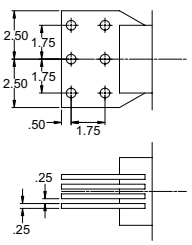
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
Type KOT-75 **Bar type**	800	923A273G01	0.3B-0.9	C100	2.0	17.25	10.50	22.62	67
	1200	923A273G02	0.3B-1.8	C200	2.0	17.25	10.50	22.62	67
	1500	923A273G03	0.3B-1.8	C200	2.0	17.25	10.50	22.62	67
	2000	923A273G04	0.3B-1.8	C200	1.50	17.25	10.50	22.62	67
	3000	923A273G05	0.3B-1.8	C200	1.33	17.25	10.50	22.62	79
	4000	923A273G06	0.3B-1.8	C200	1.00	17.25	10.50	22.62	79
	600/1200	923A273G07	0.3B-0.5/B-1.8	C100/C200	3.0/2.0	17.25	10.50	22.62	67
	1000/2000	923A273G08	0.3B-0.9/B-1.8	C100/C200	2.0/1.5	17.25	10.50	22.62	67
	2000/4000	923A273G09	0.3B-1.8/B-1.8	C100/C200	1.5/1.0	17.25	10.50	22.62	79

Bar dimensions:

Primary terminals: 1200 amperes and below



Primary terminals: Above 1200 amperes



Contact factory for 0.15S accuracy class

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

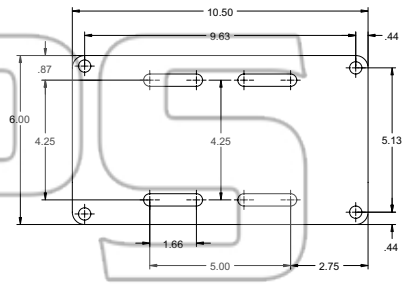
TYPE KIR-11

Indoor
15 kV, 110 kV BIL
50/60 Hertz*

Mechanical Rating:
5 thru 600 Amps, 150 x normal
800 Amps, 110 x normal

Thermal Rating:
5 thru 600 Amps, 100 x normal for 1 second
800 Amps, 75 x normal for 1 second

Mounting base dimensions (in)



	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIR-11 **Single ratio**	5	7524A03G01	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	10	7524A03G02	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	15	7524A03G03	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	20	7524A03G04	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	25	7524A03G05	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	30	7524A03G06	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	40	7524A03G07	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	50	7524A03G08	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	75	7524A03G09	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	100	7524A03G10	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	150	7524A03G11	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	200	7524A03G12	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	300	7524A03G13	0.3B-1.8	T200	1.5	9.87	6.75	23	56
	400	7524A03G14	0.3B-1.8	T200	1.5	9.87	6.75	23	61
	500	7524A03G15	0.3B-1.8	T200	1.5	9.87	6.75	23	61
	600	7524A03G16	0.3B-1.8	T200	1.5	9.87	6.75	23	61
	800	7524A03G17	0.3B-1.8	T200	1.33	9.87	6.75	23	61
	1000	7524A03G21	0.3B-1.8	T200	1.0	9.87	6.75	23	61
	1200	7524A03G18	0.3B-1.8	T200	1.0	9.87	6.75	23	62

	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIR-11 **Double ratio**	5/10	7524A04G01	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	56
	10/20	7524A04G02	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	56
	20/40	7524A04G03	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	56
	25/50	7524A04G04	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	56
	50/100	7524A04G05	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	56
	75/150	7524A04G06	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	56
	100/200	7524A04G07	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	56
	150/300	7524A04G08	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	61
	200/400	7524A04G09	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	61
	300/600	7524A04G10	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	61
	400/800	7524A04G11	0.3B-1.8/0.3B-0.9	T100/T200	2.0/1.33	9.87	6.75	23	61
	600/1200	7524A04G14	0.3B-1.8/0.3B-0.9	T90/T200	2.0/1.5	9.87	6.75	23	62

* Accuracy 20% less at 50 Hertz

store.ips.us

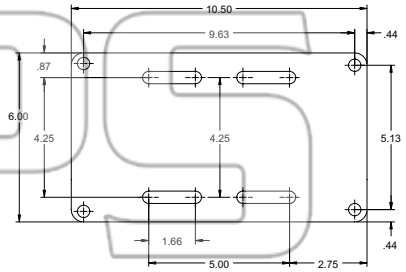
Courtesy of store.ips.us

TYPE KIR-11ES

Indoor
15 kV, 110 kV BIL
60 Hertz*
Special High Accuracy

Thermal Rating:
5 thru 600 Amps, 100 x normal for 1 second
800 Amps, 75 x normal for 1 second

Mounting base dimensions (in)



Primary Amps	Style Number	IEEE Metering Accuracy	Mechanical rating
5	923A397G01	0.15SB-0.5	150
10	923A397G02	0.15SB-0.5	150
15	923A397G03	0.15SB-0.5	150
20	923A397G04	0.15SB-0.5	150
25	923A397G05	0.15SB-0.5	150
30	923A397G06	0.15SB-0.5	150
40	923A397G07	0.15SB-0.5	150
50	923A397G08	0.15SB-0.5	150
75	923A397G09	0.15SB-0.5	150
100	923A397G10	0.15SB-0.5	150
150	923A397G11	0.15SB-0.5	150
200	923A397G12	0.15SB-0.5	150
300	923A397G13	0.15SB-0.5	150
400	923A397G14	0.15SB-0.5	150
500	923A397G15	0.15SB-0.5	110
600	923A397G16	0.15SB-0.5	150
800	923A397G17	0.15SB-0.5	110
1000	923A397G21	0.15SB-0.5	110
1200	923A397G18	0.15SB-0.5	110

Relay Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	56
T200	1.5	9.87	6.75	23	61
T200	1.0	9.87	6.75	23	61
T200	1.5	9.87	6.75	23	61
T200	1.33	9.87	6.75	23	61
T200	1.0	9.87	6.75	23	61
T200	1.0	9.87	6.75	23	62

* Accuracy 20% less at 50 Hertz

store.ips.us

Courtesy of store.ips.us

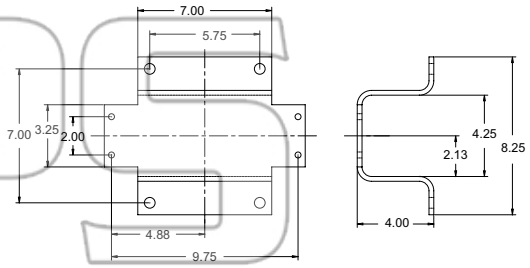
TYPE KIT-11

Indoor
110 kV BIL
60 Hertz*

Mechanical Rating:
All units effectively unlimited

Thermal Rating:
800 and 1200 amps: 80 x normal, 1 sec
1500 amps & above: 100 x normal, 1 sec

Mounting base dimensions (in)



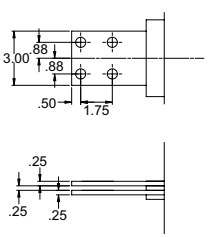
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIT-11 **Tube type** 3.25" ID	800	7524A44G01	0.3B-0.9	C100	3.0	15.37	10.50	17.75	48
	1200	7524A44G02	0.3B-1.8	C200	2.0	15.37	10.50	17.75	48
	1500	7524A44G03	0.3B-1.8	C200	2.0	15.37	10.50	17.75	48
	2000	7524A44G04	0.3B-1.8	C200	2.0	15.37	10.50	17.75	48
	3000	7524A44G05	0.3B-1.8	C200	1.5	15.37	10.50	17.75	48
	4000	7524A44G06	0.3B-1.8	C200	1.5	15.37	10.50	17.75	48
	600/1200	7524A44G07	0.3B-1.8/0.3B-1.8	C100/C200	2.0	15.37	10.50	17.75	48
	1000/2000	7524A44G08	0.3B-0.9/0.3B-1.8	C100/C200	2.0	15.37	10.50	17.75	48
	2000/4000	7524A44G09	0.3B-1.8/0.3B-1.8	C100/C200	1.5	15.37	10.50	17.75	48

store.ips.us

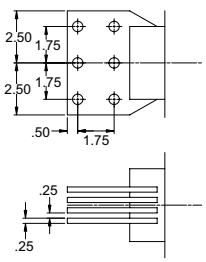
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIT-11 **Bar type**	800	923A277G01	0.3B-0.9	C100	2.0	15.38	10.50	27.12	78
	1200	923A277G02	0.3B-1.8	C200	2.0	15.38	10.50	27.12	78
	1500	923A277G03	0.3B-1.8	C200	2.0	15.38	10.50	27.12	78
	2000	923A277G12	0.3B-1.8	C400	2.0	15.38	10.50	27.12	78
	3000	923A277G05	0.3B-1.8	C200	1.33	15.38	10.50	27.12	78
	4000	923A277G06	0.3B-1.8	C200	1.0	15.38	10.50	27.12	78
	600/1200	923A277G07	0.3B-0.5/0.3B-1.8	C100/C200	2.0	15.38	10.50	27.12	78
	1000/2000	923A277G08	0.3B-0.9/0.3B-1.8	C100/C200	1.5	15.38	10.50	27.12	78
	2000/4000	923A277G14	0.3B-1.8/0.3B-1.8	C200/C200	1.33	15.38	10.50	27.12	78

Bar dimensions:

Primary Terminals 1200 Amperes and Below



Primary Terminals Above 1200 Amperes



Contact factory for 0.15S accuracy class

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

TYPE KON-11ER

1VAP429242-DB

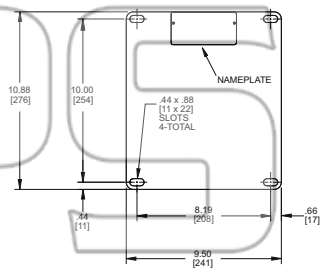
Outdoor
15 kV, 110 kV BIL
50/60 Hertz
Extended Range
(0.15% accuracy from 1% of I_{nom} thru rating factor)

Mechanical Rating:
All Ratings 270 x normal

Thermal Rating:
All Ratings 190 x normal, 1 second

Creep:
19.5" (495 mm)

Mounting base dimensions (in. [mm])



Primary Amps	Style Number	IEEE Metering Accuracy
200	E-923A427G01	0.15B-1.8
1000	E-923A427G02	0.15B-1.8

Relay Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
+	1.5	13.81	10.88	12.41	44
+	1.5	13.81	10.88	12.41	44

+ Not to be used for relay applications

TYPE KON-11

1VAP429241-DB

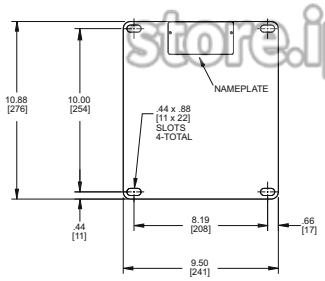
Outdoor
15 kV, 110 kV BIL
50/60 Hertz

Mechanical Rating:
All Ratings 270 x normal

Thermal Rating:
All Ratings 190 x normal, 1 second

Creep:
19.5" (495 mm)

Mounting base dimensions (in. [mm])



Note: These units encapsulated with HCEP material; also available with polyurethane.

Primary Amps	Style Number	IEEE Metering Accuracy
5	E-7524A25G16	0.3B-0.5
10	E-7524A25G01	0.3B-0.5
15	E-7524A25G02	0.3B-0.5
20	E-7524A25G03	0.3B-0.5
25	E-7524A25G04	0.3B-0.5
30	E-7524A25G05	0.3B-0.5
40	E-7524A25G06	0.3B-0.5
50	E-7524A25G07	0.3B-0.5
75	E-7524A25G08	0.3B-0.5
100	E-7524A25G09	0.3B-0.5
150	E-7524A25G10	0.3B-0.5
200	E-7524A25G11	0.3B-0.5
300	E-7524A25G12	0.3B-0.5
400	E-7524A25G13	0.3B-0.5
600	E-7524A25G14	0.3B-0.5
800	E-7524A25G15	0.3B-0.5
1000	E-7524A25G18	0.3B-0.5
1200	E-7524A25G19	0.3B-0.5

Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	3.0	13.81	10.88	12.41	44
C40	2.0	13.81	10.88	12.41	44
C40	1.5	13.81	10.88	12.41	44
C40	1.2	13.81	10.88	12.41	44
C40	1.0	13.81	10.88	12.41	44

* Accuracy 20% less at 50 Hertz

store.ips.us

Courtesy of store.ips.us

TYPE KOR-11

1VAP429221-DB

Outdoor
15 kV, 110 kV BIL
50/60 Hertz

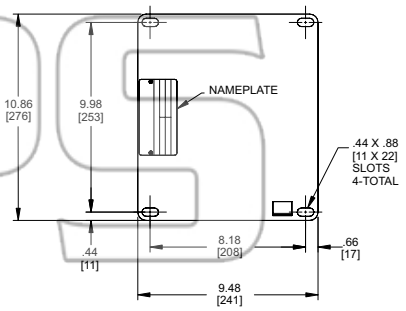
Mechanical Rating:
5 thru 600 Amps, 150 x normal
800 Amps, 110 x normal
1000 Amps, 180 x normal
1200 Amps, 150 x normal

Thermal Rating:
5 thru 600 Amps, 100 x normal for 1 second
800 Amps, 75 x normal for 1 second

Creep: 20.8" (528 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



KOR-11 Single ratio

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
5	E-7524A12G01	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
10	E-7524A12G02	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
15	E-7524A12G03	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
20	E-7524A12G04	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
25	E-7524A12G05	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
30	E-7524A12G06	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
40	E-7524A12G07	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
50	E-7524A12G08	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
75	E-7524A12G09	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
100	E-7524A12G10	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
150	E-7524A12G11	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
200	E-7524A12G12	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
300	E-7524A12G13	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
400	E-7524A12G14	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
600	E-7524A12G15	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
800	E-7524A12G16	0.3B-1.8	T200	1.33	15.75	11.0	12.48	67
1000	E-7524A12G18	0.3B-1.8	T150	1.5	15.75	11.0	12.48	67
1200	E-7524A12G17	0.3B-1.8	T200	1.5	15.75	11.0	12.48	67

KOR-11 Double ratio

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
5/10	E-7524A13G01	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
10/20	E-7524A13G02	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
20/40	E-7524A13G03	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
25/50	E-7524A13G04	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
50/100	E-7524A13G05	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
75/150	E-7524A13G06	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
100/200	E-7524A13G07	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
150/300	E-7524A13G08	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
200/400	E-7524A13G09	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
300/600	E-7524A13G10	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67
400/800	E-7524A13G11	0.3B-0.9/0.3B-1.8	T100/T200	2.0/1.5	15.75	11.0	12.48	67
600/1200	E-7524A13G12	0.3B-0.9/0.3B-1.8	T90/T200	2.0/1.5	15.75	11.0	12.48	67

* Accuracy 20% less at 50 Hertz

store.ips.us

Courtesy of store.ips.us

TYPE KOR-11E

Outdoor
15 kV, 110 kV BIL
50/60 Hertz

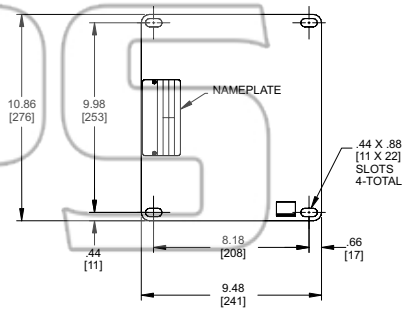
Mechanical Rating:
5 thru 600 Amps, 150 x normal
800 Amps, 110 x normal
1000 Amps, 180 x normal
1200 Amps, 150 x normal

Thermal Rating:
5 thru 600 Amps, 150 x normal for 1 second
800 Amps, 110 x normal for 1 second
1000 Amps, 180 x normal for 1 second
1200 Amps, 150 x normal for 1 second

Note: This unit insulated with polyurethane

Creep: 20.0" (508 mm)

Mounting base dimensions (in. [mm])



	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
KOR-11E **Single Ratio Special high accuracy**	5	E-7881A92G01	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	10	E-7881A92G02	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	15	E-7881A92G03	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	20	E-7881A92G04	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	25	E-7881A92G05	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	30	E-7881A92G06	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	40	E-7881A92G07	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	50	E-7881A92G08	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	75	E-7881A92G09	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	100	E-7881A92G10	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	150	E-7881A92G11	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	200	E-7881A92G12	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	300	E-7881A92G13	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	400	E-7881A92G14	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	600	E-7881A92G15	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	800	E-7881A92G16	0.15B-0.5/0.3B-1.8	T200	1.33	15.75	11.0	12.48	67
	1200	E-7881A92G17	0.15B-0.5/0.3B-1.8	T200	1.5	15.75	11.0	12.48	67
	1000	E-7881A92G18	0.15B-0.5/0.3B-1.8	T150	1.5	15.75	11.0	12.48	67

* Accuracy 20% less at 50 Hertz

store.ips.us

Courtesy of store.ips.us

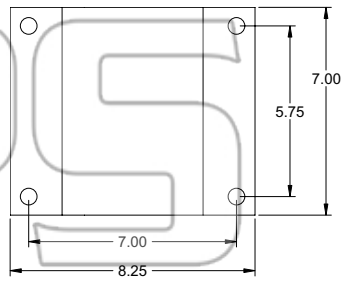
TYPE KOT-11

Outdoor
15 kV, 110 kV BIL
50/60 Hertz*

Mechanical rating:
All units effectively unlimited

Thermal rating:
800 and 1200 Amps: 80 x normal, 1 second
1500 Amps and above: 100 x normal, 1 second

Mounting base dimensions (in. [mm])



	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOT-11 **Tube type** 3.25" ID	800	7524A34G01	0.3B-0.9	C100	2.0	17.25	10.50	17.75	47
	1200	7524A34G02	0.3B-1.8	C200	2.0	17.25	10.50	17.75	47
	1500	7524A34G03	0.3B-1.8	C200	2.0	17.25	10.50	17.75	47
	2000	7524A34G04	0.3B-1.8	C200	2.0	17.25	10.50	17.75	47
	3000	7524A34G05	0.3B-1.8	C200	1.5	17.25	10.50	17.75	47
	4000	7524A34G06	0.3B-1.8	C200	1.5	17.25	10.50	17.75	47
	600/1200	7524A34G07	0.3B-0.5/B-1.8	C100/C200	3.0/2.0	17.25	10.50	17.75	47
	1000/2000	7524A34G08	0.3B-0.9/B-1.8	C100/C200	3.0/2.0	17.25	10.50	17.75	47
	2000/4000	7524A34G09	0.3B-1.8/B-1.8	C100/C200	2.0/1.5	17.25	10.50	17.75	47

	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOT-11 **Bar type**	800	923A275G01	0.3B-0.9	C100	2.0	17.25	10.50	27.12	75
	1200	923A275G02	0.3B-1.8	C200	2.0	17.25	10.50	27.12	75
	1500	923A275G03	0.3B-1.8	C200	2.0	17.25	10.50	27.12	75
	2000	923A275G04	0.3B-1.8	C200	1.50	17.25	10.50	27.12	75
	3000	923A275G05	0.3B-1.8	C200	1.33	17.25	10.50	27.12	89
	4000	923A275G06	0.3B-1.8	C200	1.00	17.25	10.50	27.12	89
	600/1200	923A275G07	0.3B-0.5/B-1.8	C100/C200	3.0/2.0	17.25	10.50	27.12	75
	1000/2000	923A275G08	0.3B-0.9/B-1.8	C100/C200	2.0/1.5	17.25	10.50	27.12	75
	2000/4000	923A275G09	0.3B-1.8/B-1.8	C100/C200	1.5/1.0	17.25	10.50	27.12	89

Contact factory for 0.15S accuracy class

* Accuracy 20% less at 50 Hertz

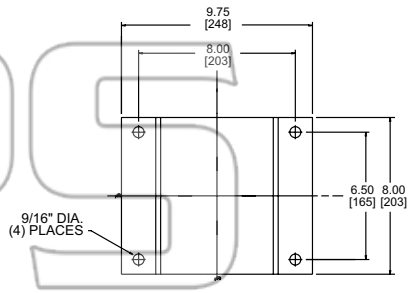
Courtesy of store.ips.us

TYPE LG(X)-15-585

1VAP701181-DB & 1VAP701182-DB

Outdoor
15 kV, 110 kV BIL
60 Hertz
Tube type: 4.5" ID x 18" long

Mounting base dimensions (in. [mm])



store.ips.us

	Primary Amps	Style Number	IEEE Metering Accuracy
TYPE LG-15-585	200	**D030200S1**	0.3B-0.2
	300	**D030300S1**	0.3B-0.5
	400	**D030400S1**	0.3B-0.9
	500	**D030500S1**	0.3B-0.9
Available in multi-ratio designs (full tap ratings same as single ratios)	600	**D030600S1**	0.3B-1.8
	800	**D030800S1**	0.3B-1.8
	1000	**D031000S1**	0.3B-1.8
	1200	**D031200S1**	0.3B-1.8
One second thermal/ mechanical rating: 80 x full winding I_{nom} /unlimited mechanical.	1500	**D031500S1**	0.3B-1.8
	2000	**D032000S1**	0.3B-1.8
	2500	**D032500S1**	0.3B-1.8
	3000	**D033000S1**	0.3B-1.8
	4000	**D034000S1**	0.3B-1.8
	5000	**D035000S1**	0.3B-1.8
	200/400	**D030200D1**	0.3B-0.2/0.3B-0.9
	300/600	**D030300D1**	0.3B-0.5/0.3B-1.8
	400/800	**D030400D1**	0.3B-0.9/0.3B-1.8
	600/1200	**D030600D1**	0.3B-1.8/0.3B-1.8
	1000/2000	**D031000D1**	0.3B-1.8/0.3B-1.8
	1500/3000	**D031500D1**	0.3B-1.8/0.3B-1.8

Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
C50	3.0	20.75	18.0	13.50	125
C100	3.0	20.75	18.0	13.50	125
C100	3.0	20.75	18.0	13.50	125
C150	3.0	20.75	18.0	13.50	125
C200	3.0	20.75	18.0	13.50	125
C300	2.0	20.75	18.0	13.50	125
C350	2.0	20.75	18.0	13.50	125
C400	2.0	20.75	18.0	13.50	125
C400	2.0	20.75	18.0	13.50	125
C600	2.0	20.75	18.0	13.50	125
C600	2.0	20.75	18.0	13.50	125
C800	1.5	20.75	18.0	13.50	125
C800	1.5	20.75	18.0	13.50	125
C800	1.5	20.75	18.0	13.50	125
C50/C100	3.0/3.0	20.75	18.0	13.50	125
C100/C200	3.0/3.0	20.75	18.0	13.50	125
C150/C300	3.0/2.0	20.75	18.0	13.50	125
C200/C400	3.0/2.0	20.75	18.0	13.50	125
C300/C600	2.0/2.0	20.75	18.0	13.50	125
C400/C800	2.0/1.5	20.75	18.0	13.50	125

IC Approval AE-0703 is noted by bold style number.

Available with a 30.5" primary bar kit (maximum 5500 A). Change last digit of style from 1 to 3.

	Primary Amps	Style Number	IEEE Metering Accuracy
TYPE LGX-15-585 **High accuracy**	200	D030200X1NC	0.15S-B0.1/0.3S-B0.2
	300	D030300X1NC	0.15S-B0.5/0.3S-B0.9
	400 [1]	D030400X1NC	0.15S-B0.9/0.3S-B1.8
	500 [1]	D030500X1NC	0.15S-B0.9/0.3S-B1.8
	600 [1]	D030600X1NC	0.15S-B0.9/0.3S-B1.8
	800 [1]	D030800X1NC	0.15S-B0.9/0.3S-B1.8
One second thermal/ mechanical rating: 100 x full winding I_{nom} /unlimited mechanical.	1000 [1]	D031000X1NC	0.15S-B1.8
	1200 [1]	D031200X1NC	0.15S-B1.8
	1500 [1]	D031500X1NC	0.15S-B1.8
	2000 [1]	D032000X1NC	0.15S-B1.8

Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
4.0	20.75	18.0	13.50	125
4.0	20.75	18.0	13.50	125
4.0	20.75	18.0	13.50	125
4.0	20.75	18.0	13.50	125
4.0	20.75	18.0	13.50	125
4.0	20.75	18.0	13.50	125
4.0	20.75	18.0	13.50	125
3.0	20.75	18.0	13.50	125
3.0	20.75	18.0	13.50	125
3.0	20.75	18.0	13.50	125

[1] Accuracy for this primary current is maintained down to 1% rated current.

Accuracy is maintained from 5% rated current through its rating factor.

Available with a 30.5" primary bar kit (maximum 5500 A). Change the "1" following the X to "3".

Note: Accuracy class and burdens are subject to change based on actual factory performance. ABB reserves the right to modify this performance on the rating plate when performance is better than what is published herein.

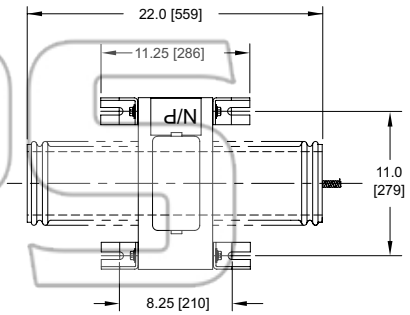
Courtesy of store.ips.us

TYPE LG(X)-15-683

1VAP701191-DB

Outdoor
15 kV, 110 kV BIL
60 Hertz
Tube type: 4.5" ID x 22" long

Mounting base dimensions (in. [mm])



TYPE LG-15-683

Available in multi-ratio designs (full tap ratings same as single ratios)

One second thermal/ mechanical rating: 80 x full winding I_{nom} /unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	D100200S1	0.3B-0.2	C50	3.0	20.25	13.0	22.0	120
300	D100300S1	0.3B-0.2	C100	3.0	20.25	13.0	22.0	120
400	D100400S1	0.3B-0.9	C100	3.0	20.25	13.0	22.0	120
500	D100500S1	0.3B-1.8	C150	3.0	20.25	13.0	22.0	120
600	D100600S1	0.3B-1.8	C200	3.0	20.25	13.0	22.0	120
800	D100800S1	0.3B-1.8	C250	2.0	20.25	13.0	22.0	120
1000	D101000S1	0.3B-1.8	C300	2.0	20.25	13.0	22.0	120
1200	D101200S1	0.3B-1.8	C400	2.0	20.25	13.0	22.0	120
1500	D101500S1	0.3B-1.8	C400	2.0	20.25	13.0	22.0	120
2000*	D102000S1	0.3B-1.8	C400	2.0	20.25	13.0	22.0	120
2500	D102500S1	0.3B-1.8	C400	2.0	20.25	13.0	22.0	120
3000	D103000S1	0.3B-1.8	C800	2.0	20.25	13.0	22.0	120
4000	D104000S1	0.3B-1.8	C800	1.5	20.25	13.0	22.0	120
5000	D105000S1	0.3B-1.8	C800	1.5	20.25	13.0	22.0	120
200/400	D100200D1	0.3B-0.2/0.3B-0.9	C50/C100	3.0/3.0	20.25	13.0	22.0	120
300/600	D100300D1	0.3B-0.2/0.3B-1.8	C100/C200	3.0/3.0	20.25	13.0	22.0	120
400/800	D100400D1	0.3B-0.9/0.3B-1.8	C100/C200	2.0/2.0	20.25	13.0	22.0	120
600/1200	D100600D1	0.3B-1.8/0.3B-1.8	C200/C400	2.0/2.0	20.25	13.0	22.0	120
1000/2000	D101000D1	0.3B-1.8/0.3B-1.8	C200/C400	2.0/2.0	20.25	13.0	22.0	120
1500/3000	D101500D1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	20.25	13.0	22.0	120

store.ips.us

* IC Approval AE-0745 for 2000:5 MR, style D102000M1.

Available with a 34.5" primary bar kit (maximum 5500 A). Change last digit of style from 1 to 3.

TYPE LGX-15-683 **High accuracy**

One second thermal/ mechanical rating: 80 x full winding I_{nom} /unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
400	D100400X1NC	0.15S-B0.5/0.3S-B1.8	4.0	20.25	13.0	22.0	120
500	D100500X1NC	0.15S-B0.5/0.3S-B1.8	4.0	20.25	13.0	22.0	120
600	D100600X1NC	0.15S-B0.9/0.3S-B1.8	4.0	20.25	13.0	22.0	120
800	D100800X1NC	0.15S-B0.9/0.3S-B1.8	4.0	20.25	13.0	22.0	120
1000	D101000X1NC	0.15S-B1.8	4.0	20.25	13.0	22.0	120
1200	D101200X1NC	0.15S-B1.8	3.0	20.25	13.0	22.0	120
1500	D101500X1NC	0.15S-B1.8	3.0	20.25	13.0	22.0	120
2000	D102000X1NC	0.15S-B1.8	3.0	20.25	13.0	22.0	120

Accuracy is maintained from 5% rated current through its rating factor.

Available with a 34.5" primary bar kit (maximum 5500 A). Change the “1” following the X to “3”.

Courtesy of store.ips.us

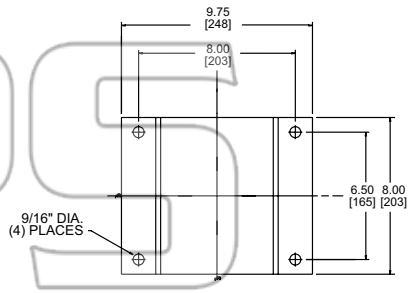
TYPE LG-15-879

1VAP701201-DB

Outdoor
15 kV, 110 kV BIL
60 Hertz
Tube type: 4.5" ID x 18" long

Consult factory for dual core design options.

Mounting base dimensions (in. [mm])



	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE LG-15-879	200	D092015S159-1	0.3B-0.2	C150	2.0	23.5	18.0	17.75	210
	300	D093015S209-1	0.3B-0.5	C200	2.0	23.5	18.0	17.75	210
	400	D094015S309-1	0.3B-0.9	C300	2.0	23.5	18.0	17.75	210
	600	D096015S409-1	0.3B-1.8	C400	2.0	23.5	18.0	17.75	210
	800	D098015S609-1	0.3B-1.8	C600	2.0	23.5	18.0	17.75	210
	1000	D091025S809-1	0.3B-1.8	C800	2.0	23.5	18.0	17.75	210
	1200	D091225S809-1	0.3B-1.8	C800	2.0	23.5	18.0	17.75	210
	1500	D091525S809-1	0.3B-1.8	C800	2.0	23.5	18.0	17.75	210
	2000	D092025S809-1	0.3B-1.8	C800	2.0	23.5	18.0	17.75	210
	2500	D092525S809-1	0.3B-1.8	C800	2.0	23.5	18.0	17.75	210
	3000	D093025S809-1	0.3B-1.8	C800	2.0	23.5	18.0	17.75	210
	4000	D094025S809-1	0.3B-1.8	C800	1.5	23.5	18.0	17.75	210
	5000	D095025S809-1	0.3B-1.8	C800	1.5	23.5	18.0	17.75	210
	6000	D096025S809-1	0.3B-1.8	C800	1.5	23.5	18.0	17.75	210
	8000	D098025S809-1	0.3B-1.8	C800	1.25	23.5	18.0	17.75	210
	10000	D091035S809-1	0.3B-1.8	C800	1.0	23.5	18.0	17.75	210
	200/400	D092015D159-1	0.3B-0.2/0.3B-0.9	C150/C300	2.0/2.0	23.5	18.0	17.75	210
	300/600	D093015D209-1	0.3B-0.5/0.3B-1.8	C200/C400	2.0/2.0	23.5	18.0	17.75	210
	400/800	D094015D309-1	0.3B-0.9/0.3B-1.8	C300/C600	2.0/2.0	23.5	18.0	17.75	210
	600/1200	D096015D409-1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	23.5	18.0	17.75	210
	1000/2000	D091025D409-1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	23.5	18.0	17.75	210
	1500/3000	D091525D809-1	0.3B-1.8/0.3B-1.8	C800/C800	2.0/2.0	23.5	18.0	17.75	210

Available in multi-ratio designs (full tap ratings same as single ratio above).

One second thermal/mechanical rating: 80 x full winding I_{nom} / unlimited mechanical.

Available with a 30.5" primary bar kit (max 5500A). Change digit after hyphen (-) from “1” to “3”.

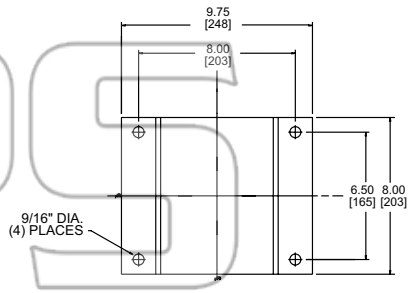
Courtesy of store.ips.us

TYPE LG(X)-15-6513

Outdoor
15 kV, 110 kV BIL
60 Hertz
Tube type: 8.75" ID x 18" long

Consult factory for dual core design options (LG-15-6513 only)

Mounting base dimensions (in. [mm])



TYPE LG-15-6513

Available in multi-ratio designs (full tap ratings same as single ratios)

One second thermal/ mechanical rating: 80 x full winding I_{nom} / unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	D040200S1	0.6B-0.2	C50	2.0	23.63	18.0	17.75	150
300	D040300S1	0.6B-0.2	C75	2.0	23.63	18.0	17.75	150
400	D040400S1	0.3B-0.5	C100	2.0	23.63	18.0	17.75	150
600	D040600S1	0.3B-0.5	C150	2.0	23.63	18.0	17.75	150
800	D040800S1	0.3B-0.9	C200	2.0	23.63	18.0	17.75	150
1000	D041000S1	0.3B-1.8	C250	2.0	23.63	18.0	17.75	150
1200	D041200S1	0.3B-1.8	C300	2.0	23.63	18.0	17.75	150
1500	D041500S1	0.3B-1.8	C400	2.0	23.63	18.0	17.75	150
2000	**D042000S1**	0.3B-1.8	C500	2.0	23.63	18.0	17.75	150
2500	D042500S1	0.3B-1.8	C600	2.0	23.63	18.0	17.75	150
3000	**D043000S1**	0.3B-1.8	C800	2.0	23.63	18.0	17.75	150
4000	D044000S1	0.3B-1.8	C800	1.5	23.63	18.0	17.75	150
5000	D045000S1	0.3B-1.8	C800	1.5	23.63	18.0	17.75	150
6000	**D046000S1**	0.3B-1.8	C800	1.0	23.63	18.0	17.75	150
8000	D048000S1	0.3B-1.8	C800	1.0	23.63	18.0	17.75	150
10000	D041000S1	0.3B-1.8	C800	1.0	23.63	18.0	17.75	150
200/400	D040200D1	0.6B-0.2/0.3B-0.5	C50/C100	2.0/2.0	23.63	18.0	17.75	150
300/600	D040300D1	0.6B-0.2/0.3B-0.5	C75/C150	2.0/2.0	23.63	18.0	17.75	150
400/800	D040400D1	0.3B-0.5/0.3B-0.9	C100/C200	2.0/2.0	23.63	18.0	17.75	150
600/1200	D040600D1	0.3B-0.5/0.3B-1.8	C150/C300	2.0/2.0	23.63	18.0	17.75	150
1000/2000	D041000D1	0.3B-1.8/0.3B-1.8	C200/C400	2.0/2.0	23.63	18.0	17.75	150
1500/3000	D041500D1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	23.63	18.0	17.75	150
2000/4000	**D042000D1**	0.3B-1.8/0.3B-1.8	C400/C800	2.0/1.5	23.63	18.0	17.75	150
3000/6000	**D043000D1**	0.3B-1.8/0.3B-1.8	C400/C800	1.5/1.0	23.63	18.0	17.75	150

store.ips.us

IC Approval (AE-1104) is noted by bold style number.

TYPE LGX-15-6513 **High accuracy**

One second thermal/ mechanical rating: 100 x full winding I_{nom} / unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
400	D040400X1NC	0.15S-B0.5/0.3S-B0.9	4.0	23.63	18.0	17.75	150
600	D040600X1NC	0.15S-B0.9/0.3S-B1.8	4.0	23.63	18.0	17.75	150
800	D040800X1NC	0.15S-B0.9/0.3S-B1.8	4.0	23.63	18.0	17.75	150
1000	D041000X1NC	0.15S-B1.8	4.0	23.63	18.0	17.75	150
1200	D041200X1NC	0.15S-B1.8	3.0	23.63	18.0	17.75	150
1500	D041500X1NC	0.15S-B1.8	3.0	23.63	18.0	17.75	150
2000	D042000X1NC	0.15S-B1.8	2.0	23.63	18.0	17.75	150

Accuracy is maintained from 5% rated current through its rating factor.

LGX-15-6513 not available in dual-core design.

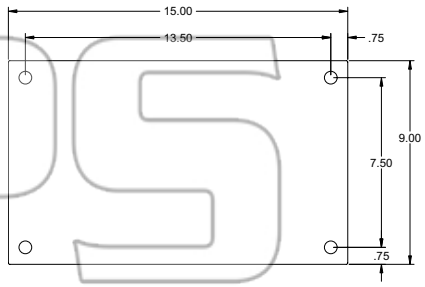
Courtesy of store.ips.us

TYPE KOTD-110

15 kV, 110 kV BIL
Single, double, & multi-ratio
50/60 Hertz
Tube type
5" ID

Consult factory for 4" ID and for designs up to four secondaries.

Mounting base dimensions (in)



IPS

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-110 **Tube type Single ratio**	400	923A141G01	2.0	0.3B-0.5	C200	20	14.7	17	225
	600	923A141G02	2.0	0.3B-0.9	C200	20	14.7	17	225
	800	923A141G03	2.0	0.3B-1.8	C400	20	14.7	17	225
	1000	923A141G04	2.0	0.3B-1.8	C400	20	14.7	17	225
	1200	923A141G05	2.0	0.3B-1.8	C400	20	14.7	17	225
	1600	923A141G06	2.0	0.3B-1.8	C400	20	14.7	17	225
	2000	923A141G07	2.0	0.3B-1.8	C800	20	14.7	17	225
	3000	923A141G08	1.5	0.3B-1.8	C800	20	14.7	17	225
	4000	923A141G09	1.25	0.3B-1.8	C800	20	14.7	17	225
	5000	923A141G10	1.0	0.3B-1.8	C800	20	14.7	17	225

store.ips.us

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-110 **Tube type Double ratio**	200/400	923A142G01	2.0/2.0	0.6B-0.2/0.3B-0.5	C100/C200	20	14.7	17	240
	300/600	923A142G02	2.0/2.0	0.3B-0.2/0.3B-0.9	C100/C200	20	14.7	17	240
	400/800	923A142G03	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	20	14.7	17	240
	500/1000	923A142G04	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	20	14.7	17	240
	600/1200	923A142G05	2.0/2.0	0.3B-0.9/0.3B-1.8	C200/C400	20	14.7	17	240
	800/1600	923A142G06	2.0/2.0	0.3B-0.9/0.3B-1.8	C200/C400	20	14.7	17	240
	1000/2000	923A142G07	2.0/2.0	0.3B-1.8/0.3B-1.8	C400/C800	20	14.7	17	240
	1500/3000	923A142G08	2.0/1.5	0.3B-1.8/0.3B-1.8	C400/C800	20	14.7	17	240
	2000/4000	923A142G09	2.0/1.25	0.3B-1.8/0.3B-1.8	C400/C800	20	14.7	17	240
	2500/5000	923A142G10	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	20	14.7	17	240

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-110 **Tube type Multi ratio**	600	923A143G01	2.0	0.3B-0.9	C200	20	14.7	17	225
	1200	923A143G02	1.5	0.3B-1.8	C400	20	14.7	17	225
	2000	923A143G03	1.0	0.3B-1.8	C800	20	14.7	17	225
	3000	923A143G04	1.33	0.3B-1.8	C800	20	14.7	17	225
	4000	923A143G05	1.0	0.3B-1.8	C800	20	14.7	17	225
	5000	923A143G06	1.0	0.3B-1.8	C800	20	14.7	17	225

* Accuracy 20% less at 50 Hertz

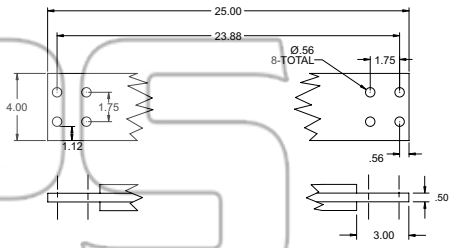
Courtesy of store.ips.us

TYPE KOTD-110

15 kV, 110 kV BIL
Single, double, & multi-ratio
50/60 Hertz
Bar type
5" ID

Consult factory for designs up to four secondaries.

Bar dimensions (in)



Note: Base dimensions same as tube type KOTD

TYPE KOTD-110 Bar type Single ratio

Primary Amps	Style Number	No. of Bars	Rating Factor	IEEE Metering Accuracy	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
400	923A206G01	1	2.0	0.3B-0.5	C200	20	14.7	25	240
600	923A206G02	1	2.0	0.3B-0.9	C200	20	14.7	25	240
800	923A206G03	1	2.0	0.3B-1.8	C400	20	14.7	25	240
1000	923A206G04	1	2.0	0.3B-1.8	C400	20	14.7	25	240
1200	923A206G05	1	1.5	0.3B-1.8	C400	20	14.7	25	240
1600	923A206G06	1	1.25	0.3B-1.8	C400	20	14.7	25	240
2000	923A206G07	1	1.0	0.3B-1.8	C800	20	14.7	25	240
3000	923A206G08	2	1.33	0.3B-1.8	C800	20	14.7	25	240
4000	923A206G09	2	1.0	0.3B-1.8	C800	20	14.7	25	240
5000	923A206G10	3	1.0	0.3B-1.8	C800	20	14.7	25	240

store.ips.us

TYPE KOTD-110 Bar type Double ratio

Primary Amps	Style Number	No. of Bars	Rating Factor	IEEE Metering Accuracy	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200/400	923A148G01	1	2.0/2.0	0.6B-0.2/0.3B-0.5	C100/C200	20	14.7	25	240
300/600	923A148G02	1	2.0/2.0	0.3B-0.2/0.3B-0.9	C100/C200	20	14.7	25	240
400/800	923A148G03	1	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	20	14.7	25	240
500/1000	923A148G04	1	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	20	14.7	25	240
600/1200	923A148G05	1	2.0/1.5	0.3B-0.9/0.3B-1.8	C200/C400	20	14.7	25	240
800/1600	923A148G06	1	2.0/1.25	0.3B-0.9/0.3B-1.8	C200/C400	20	14.7	25	240
1000/2000	923A148G07	1	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	20	14.7	25	240
1500/3000	923A148G08	2	2.0/1.33	0.3B-1.8/0.3B-1.8	C400/C800	20	14.7	25	240
2000/4000	923A148G09	2	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	20	14.7	25	240
2500/5000	923A148G10	3	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	20	14.7	25	240

TYPE KOTD-110 Bar type Multi ratio

Primary Amps	Style Number	No. of Bars	Rating Factor	IEEE Metering Accuracy	Relay Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
600	923A149G01	1	2.0	0.3B-0.9	C200	20	15.3	25	240
1200	923A149G02	1	1.5	0.3B-1.8	C400	20	15.3	25	240
2000	923A149G03	1	1.0	0.3B-1.8	C800	20	15.3	25	240
3000	923A149G04	2	1.33	0.3B-1.8	C800	20	15.3	25	240
4000	923A149G05	2	1.0	0.3B-1.8	C800	20	15.3	25	240
5000	923A149G06	3	1.0	0.3B-1.8	C800	20	15.3	25	240

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

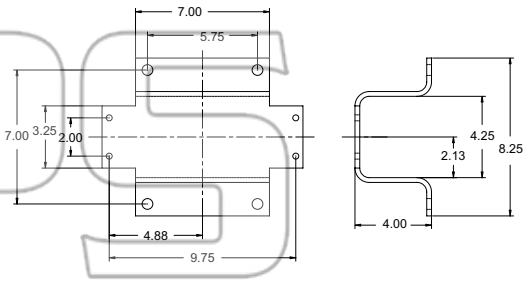
TYPE KIT-15

Indoor
150 kV BIL
60 Hertz*

Mechanical Rating:
All units effectively unlimited

Thermal Rating:
800 and 1200 amps: 80 x normal, 1 sec
1500 amps and above: 100 x normal, 1 sec

Mounting base dimensions (in)

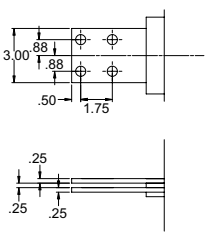


	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIT-15 **Tube type** 3.25" ID	800	7524A45G01	0.3B-0.9	3.0	C100	15.37	10.50	26.75	50
	1200	7524A45G02	0.3B-1.8	2.0	C200	15.37	10.50	26.75	50
	1500	7524A45G03	0.3B-1.8	2.0	C200	15.37	10.50	26.75	50
	2000	7524A45G04	0.3B-1.8	2.0	C200	15.37	10.50	26.75	50
	3000	7524A45G05	0.3B-1.8	1.5	C200	15.37	10.50	26.75	50
	4000	7524A45G06	0.3B-1.8	1.5	C200	15.37	10.50	26.75	50
	600/1200	7524A45G07	0.3B-1.8/0.3B-1.8	2.0	C100/C200	15.37	10.50	26.75	50
	1000/2000	7524A45G08	0.3B-0.9/0.3B-1.8	2.0	C100/C200	15.37	10.50	26.75	50
	2000/4000	7524A45G09	0.3B-1.8/0.3B-1.8	1.5	C100/C200	15.37	10.50	26.75	50

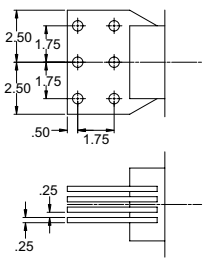
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KIT-15 **Bar type**	800	923A279G01	0.3B-0.9	2.0	C100	15.38	10.50	36.12	89
	1200	923A279G02	0.3B-1.8	2.0	C200	15.38	10.50	36.12	89
	1500	923A279G03	0.3B-1.8	2.0	C200	15.38	10.50	36.12	89
	2000	923A279G12	0.3B-1.8	1.5	C200	15.38	10.50	36.12	89
	3000	923A279G05	0.3B-1.8	1.33	C200	15.38	10.50	36.12	89
	4000	923A279G06	0.3B-1.8	1.0	C200	15.38	10.50	36.12	89
	600/1200	923A279G07	0.3B-0.5/0.3B-1.8	2.0	C100/C200	15.38	10.50	36.12	89
	1000/2000	923A279G08	0.3B-0.9/0.3B-1.8	1.5	C100/C200	15.38	10.50	36.12	89
	2000/4000	923A279G14	0.3B-1.8/0.3B-1.8	1.0	C200/C200	15.38	10.50	36.12	89

Bar dimensions:

Primary Terminals
1200 Amperes and Below



Primary Terminals
Above 1200 Amperes



Contact factory for 0.15S accuracy class

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

TYPE KOT-15

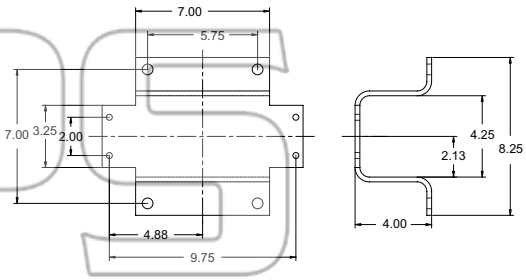
42-930

Outdoor
25 kV, 150 kV BIL
50/60 Hertz

Mechanical rating:
All units effectively unlimited

Thermal rating:
800 and 1200 Amps: 80 x normal, 1 sec
1500 amps and above: 100 x normal, 1 sec

Mounting base dimensions (in)



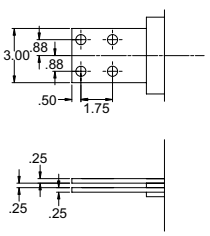
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOT-15 **Tube type** 3.25" ID	800	7524A35G01	0.3B-0.9	C100	2.0	17.25	10.50	26.75	52
	1200	7524A35G02	0.3B-1.8	C200	2.0	17.25	10.50	26.75	52
	1500	7524A35G03	0.3B-1.8	C200	2.0	17.25	10.50	26.75	52
	2000	7524A35G04	0.3B-1.8	C200	2.0	17.25	10.50	26.75	52
	3000	7524A35G05	0.3B-1.8	C200	1.5	17.25	10.50	26.75	52
	4000	7524A35G06	0.3B-1.8	C200	1.5	17.25	10.50	26.75	52
	600/1200	7524A35G07	0.3B-0.5/B-1.8	C100/C200	3.0/2.0	17.25	10.50	26.75	52
	1000/2000	7524A35G08	0.3B-0.9/B-1.8	C100/C200	3.0/2.0	17.25	10.50	26.75	52
	2000/4000	7524A35G09	0.3B-1.8/B-1.8	C100/C200	2.0/1.5	17.25	10.50	26.75	52

store.ips.us

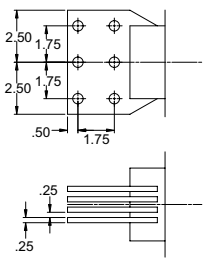
	Primary Amps	Style Number	IEEE Metering Accuracy	Relay* Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOT-15 **Bar type**	800	923A270G01	0.3B-0.9	C100	2.0	17.25	10.50	36.12	75
	1200	923A270G02	0.3B-1.8	C200	2.0	17.25	10.50	36.12	75
	1500	923A270G03	0.3B-1.8	C200	2.0	17.25	10.50	36.12	75
	2000	923A270G04	0.3B-1.8	C200	1.50	17.25	10.50	36.12	75
	3000	923A270G05	0.3B-1.8	C200	1.33	17.25	10.50	36.12	107
	4000	923A270G06	0.3B-1.8	C200	1.00	17.25	10.50	36.12	107
	600/1200	923A270G07	0.3B-0.5/B-1.8	C100/C200	3.0/2.0	17.25	10.50	36.12	75
	1000/2000	923A270G08	0.3B-0.9/B-1.8	C100/C200	2.0/1.5	17.25	10.50	36.12	75
	2000/4000	923A270G09	0.3B-1.8/B-1.8	C100/C200	1.5/1.0	17.25	10.50	36.12	107

Bar dimensions:

Primary terminals:
1200 amperes and below



Primary terminals:
Above 1200 amperes



Contact factory for 0.15S accuracy class

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

TYPE KOR-15CER

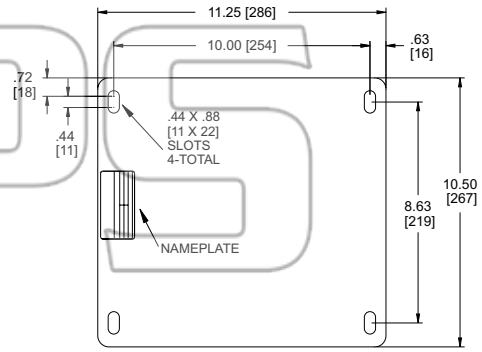
Outdoor
25 kV, 150 kV BIL
50/60 Hertz

Extended Range
(0.15% accuracy from 1% of I_{nom} thru rating factor)

Thermal Rating:
All styles 100 x normal, 1 second

Creep: 36.5" (927 mm)

Mounting base dimensions (in. [mm])



Note: These units encapsulated with HCEP material.

Primary Amps	Style Number	IEEE Metering Accuracy
200	E-923A432G01	0.15B-1.8
1000	E-923A432G02	0.15B-1.8

Relay Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
+	1.5	20.0	13.0	14.59	110
+	1.5	20.0	13.0	14.59	110

+ Not to be used for relay applications.

store.ips.us

Courtesy of store.ips.us

TYPE KOR-15C

Outdoor
25 kV, 150 kV BIL
50/60 Hertz

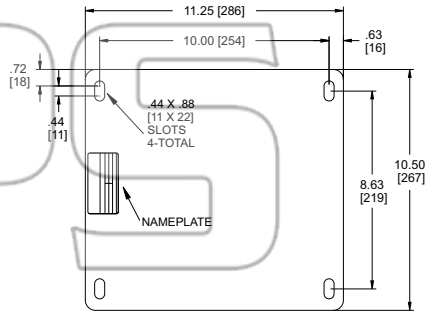
Mechanical Rating:
All styles single ratio: 290 x normal
All styles double ratio: 290 TAP, 145 FULL

Thermal Rating:
All styles 100 x normal, 1 second

Creep: 36.5" (927 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
KOR-15C **Single ratio**	5	E-923A185G01	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	10	E-923A185G02	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	15	E-923A185G03	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	20	E-923A185G04	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	25	E-923A185G05	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	30	E-923A185G06	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	40	E-923A185G07	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	50	E-923A185G08	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	75	E-923A185G09	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	100	E-923A185G10	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	150	E-923A185G11	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	200	E-923A185G12	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	300	E-923A185G13	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	400	E-923A185G14	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
	500	E-923A185G15	0.3B-0.9	C100	2.0	20.0	13.0	14.59	110
	600	E-923A185G16	0.3B-0.9	C100	2.0	20.0	13.0	14.59	110
	800	E-923A185G17	0.3B-0.9	C100	1.5	20.0	13.0	14.59	110
	1200	E-923A185G18	0.3B-0.9	C100	1.0	20.0	13.0	14.59	110

Higher metering and relaying accuracies available.

	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
KOR-15C **Double ratio**	5/10	E-923A186G01	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	10/20	E-923A186G02	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	20/40	E-923A186G03	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	25/50	E-923A186G04	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	50/100	E-923A186G05	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	75/150	E-923A186G06	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	100/200	E-923A186G07	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	150/300	E-923A186G08	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	200/400	E-923A186G09	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	300/600	E-923A186G10	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	400/800	E-923A186G11	0.3B-0.9/ 0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
	600/1200	E-923A186G12	0.3B-0.9/ 0.3B-1.8	C100/C200	2.0/1.0	20.0	13.0	14.59	110

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

TYPE KOR-15CE

Outdoor
25 kV, 150 kV BIL
50/60 Hertz

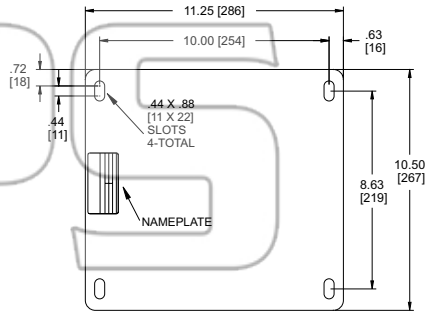
Mechanical Rating:
All styles single ratio: 290 x normal
All styles double ratio: 290 TAP, 145 FULL

Thermal Rating:
All styles 100 x normal, 1 second

Creep: 36.5" (927 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
KOR-15CE **Single ratio**	5	E-923A544G01	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	10	E-923A544G02	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	15	E-923A544G03	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	20	E-923A544G04	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	25	E-923A544G05	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	30	E-923A544G06	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	40	E-923A544G07	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	50	E-923A544G08	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	75	E-923A544G09	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	100	E-923A544G10	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	150	E-923A544G11	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	200	E-923A544G12	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	300	E-923A544G13	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	400	E-923A544G14	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	500	E-923A544G15	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	600	E-923A544G16	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	800	E-923A544G17	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110
	1200	E-923A544G18	0.15B-0.5/0.3B-1.8	C200	1.5	20.0	13.0	14.59	110

Higher metering and relaying accuracies available.

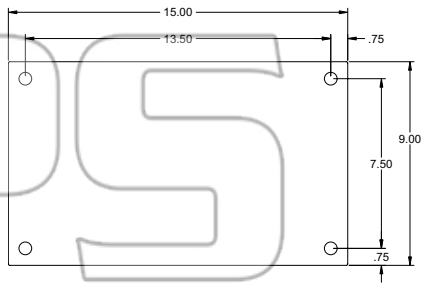
store.ips.us

Courtesy of store.ips.us

TYPE KOTD-150

25 kV, 150 kV BIL
Single, double, & multi-ratio
50/60 Hertz
Tube type
5" ID
Consult factory for 4" ID and for designs up to four secondaries.

Mounting base dimensions (in)



IPS

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-150 **Tube type Single ratio**	400	923A155G01	2.0	0.3B-0.5	C200	22.5	14.7	17	245
	600	923A155G02	2.0	0.3B-0.9	C200	22.5	14.7	17	245
	800	923A155G03	2.0	0.3B-1.8	C400	22.5	14.7	17	245
	1000	923A155G04	2.0	0.3B-1.8	C400	22.5	14.7	17	245
	1200	923A155G05	2.0	0.3B-1.8	C400	22.5	14.7	17	245
	1600	923A155G06	2.0	0.3B-1.8	C400	22.5	14.7	17	245
	2000	923A155G07	2.0	0.3B-1.8	C800	22.5	14.7	17	245
	3000	923A155G08	1.5	0.3B-1.8	C800	22.5	14.7	17	245
	4000	923A155G09	1.25	0.3B-1.8	C800	22.5	14.7	17	245
	5000	923A155G10	1.0	0.3B-1.8	C800	22.5	14.7	17	245

store.ips.us

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-150 **Tube type Double ratio**	200/400	923A156G01	2.0/2.0	0.6B-0.2/0.3B-0.5	C100/C200	22.5	14.7	17	245
	300/600	923A156G02	2.0/2.0	0.3B-0.2/0.3B-0.9	C100/C200	22.5	14.7	17	245
	400/800	923A156G03	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	22.5	14.7	17	245
	500/1000	923A156G04	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	22.5	14.7	17	245
	600/1200	923A156G05	2.0/2.0	0.3B-0.9/0.3B-1.8	C200/C400	22.5	14.7	17	245
	800/1600	923A156G06	2.0/2.0	0.3B-0.9/0.3B-1.8	C200/C400	22.5	14.7	17	245
	1000/2000	923A156G07	2.0/2.0	0.3B-1.8/0.3B-1.8	C400/C800	22.5	14.7	17	245
	1500/3000	923A156G08	2.0/1.5	0.3B-1.8/0.3B-1.8	C400/C800	22.5	14.7	17	245
	2000/4000	923A156G09	2.0/1.25	0.3B-1.8/0.3B-1.8	C400/C800	22.5	14.7	17	245
	2500/5000	923A156G10	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	22.5	14.7	17	245

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-150 **Tube type Multi ratio**	600	923A157G01	2.0	0.3B-0.9	C200	22.5	14.7	17	245
	1200	923A157G02	2.0	0.3B-1.8	C400	22.5	14.7	17	245
	2000	923A157G03	1.0	0.3B-1.8	C800	22.5	14.7	17	245
	3000	923A157G04	1.33	0.3B-1.8	C800	22.5	14.7	17	245
	4000	923A157G05	1.0	0.3B-1.8	C800	22.5	14.7	17	245
	5000	923A157G06	1.0	0.3B-1.8	C800	22.5	14.7	17	245

* Accuracy 20% less at 50 Hertz

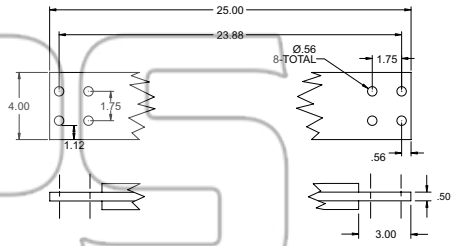
Courtesy of store.ips.us

TYPE KOTD-150

25 kV, 150 kV BIL
Single, double, & multi-ratio
50/60 Hertz
Bar type
5" ID

Consult factory for designs up to four secondaries.

Bar dimensions (in)



Note: Base dimensions same as tube type KOTD

	Primary Amps	Style Number	No. of Bars	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-150 **Bar type Single ratio**	600	923A161G01	1	2.0	0.3B-0.9	C200	22.5	14.7	25	260
	1200	923A161G02	1	1.5	0.3B-1.8	C400	22.5	14.7	25	260
	2000	923A161G03	1	1.0	0.3B-1.8	C800	22.5	14.7	25	260
	3000	923A161G04	2	1.33	0.3B-1.8	C800	22.5	14.7	25	260
	4000	923A161G05	2	1.0	0.3B-1.8	C800	22.5	14.7	25	260
	5000	923A161G06	3	1.0	0.3B-1.8	C800	22.5	14.7	25	260
	1500	923A161G07	1	2.0	0.3B-1.8	C800	22.5	14.7	25	260
	6000	923A161G08	3	1.0	0.3B-1.8	C800	22.5	14.7	25	260
	600	923A161G09	1	2.0	0.3B-0.9	C800	22.5	14.7	25	260
	3200	923A161G10	2	1.0	0.3B-1.8	C800	22.5	14.7	25	260

store.ips.us

	Primary Amps	Style Number	No. of Bars	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-150 **Bar type Double ratio**	200/400	923A162G01	1	2.0/2.0	0.6B-0.2/0.3B-0.5	C100/C200	22.5	14.7	25	260
	300/600	923A162G02	1	2.0/2.0	0.3B-0.2/0.3B-0.9	C100/C200	22.5	14.7	25	260
	400/800	923A162G03	1	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	22.5	14.7	25	260
	500/1000	923A162G04	1	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	22.5	14.7	25	260
	600/1200	923A162G05	1	2.0/1.5	0.3B-0.9/0.3B-1.8	C200/C400	22.5	14.7	25	260
	800/1600	923A162G06	1	2.0/1.25	0.3B-0.9/0.3B-1.8	C200/C400	22.5	14.7	25	260
	1000/2000	923A162G07	1	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	22.5	14.7	25	260
	1500/3000	923A162G08	2	2.0/1.33	0.3B-1.8/0.3B-1.8	C400/C800	22.5	14.7	25	260
	2000/4000	923A162G09	2	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	22.5	14.7	25	260
	2500/5000	923A162G10	3	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	22.5	14.7	25	260

	Primary Amps	Style Number	No. of Bars	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-150 **Bar type Multi ratio**	600	923A163G01	1	2.0	0.3B-0.9	C200	22.5	14.7	25	260
	1200	923A163G02	1	1.5	0.3B-1.8	C400	22.5	14.7	25	260
	2000	923A163G03	1	1.0	0.3B-1.8	C800	22.5	14.7	25	260
	3000	923A163G04	2	1.33	0.3B-1.8	C800	22.5	14.7	25	260
	4000	923A163G05	2	1.0	0.3B-1.8	C800	22.5	14.7	25	260
	5000	923A163G06	3	1.0	0.3B-1.8	C800	22.5	14.7	25	260

* Accuracy 20% less at 50 Hertz

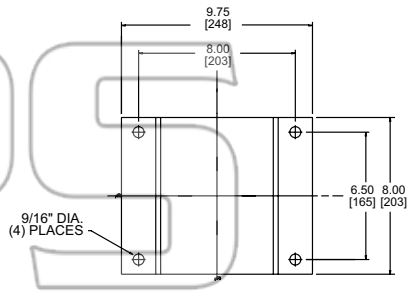
Courtesy of store.ips.us

TYPE LG(X)-25-585

1VAP701221-DB & 1VAP701222-DB

Outdoor
25 kV, 150 kV BIL
60 Hertz
Tube type: 4.5" ID x 22" long

Mounting base dimensions (in. [mm])



TYPE LG-25-585

Available in multi-ratio designs (full tap ratings same as single ratios)

One second thermal/ mechanical rating: 80x full winding I_{nom} unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	**F030200S1**	0.3B-0.2	C50	3.0	20.75	22.0	13.50	133
300	**F030300S1**	0.3B-0.5	C100	3.0	20.75	22.0	13.50	133
400	**F030400S1**	0.3B-0.9	C100	3.0	20.75	22.0	13.50	133
500	**F030500S1**	0.3B-0.9	C150	3.0	20.75	22.0	13.50	133
600	**F030600S1**	0.3B-1.8	C200	3.0	20.75	22.0	13.50	133
800	**F030800S1**	0.3B-1.8	C300	2.0	20.75	22.0	13.50	133
1000	**F031000S1**	0.3B-1.8	C350	2.0	20.75	22.0	13.50	133
1200	**F031200S1**	0.3B-1.8	C400	2.0	20.75	22.0	13.50	133
1500	**F031500S1**	0.3B-1.8	C400	2.0	20.75	22.0	13.50	133
2000	**F032000S1**	0.3B-1.8	C600	2.0	20.75	22.0	13.50	133
2500	**F032500S1**	0.3B-1.8	C600	2.0	20.75	22.0	13.50	133
3000	**F033000S1**	0.3B-1.8	C800	1.5	20.75	22.0	13.50	133
4000	**F034000S1**	0.3B-1.8	C800	1.5	20.75	22.0	13.50	133
5000	**F035000S1**	0.3B-1.8	C800	1.5	20.75	22.0	13.50	133
200/400	**F030200D1**	0.3B-0.2/0.3B-0.9	C50/C100	3.0/3.0	20.75	34.5	13.50	133
300/600	**F030300D1**	0.3B-0.5/0.3B-1.8	C100/C200	2.0/2.0	20.75	34.5	13.50	133
400/800	**F030400D1**	0.3B-0.9/0.3B-1.8	C150/C300	2.0/2.0	20.75	34.5	13.50	133
600/1200	**F030600D1**	0.3B-1.8/0.3B-1.8	C200/C400	2.0/2.0	20.75	34.5	13.50	133
1000/2000	**F031000D1**	0.3B-1.8/0.3B-1.8	C300/C600	2.0/2.0	20.75	34.5	13.50	133
1500/3000	**F031500D1**	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	20.75	34.5	13.50	133

store.ips.us

IC Approval AE-0703 is noted by bold style number.

Available with a 34.5" primary bar kit (maximum 5500 A). Change last digit of style from 1 to 3.

TYPE LGX-25-585 **High accuracy**

One second thermal/ mechanical rating: 100x full winding I_{nom} unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	F030200X1NC	0.15S-B0.1/0.3S-B0.2	4.0	20.75	34.5	13.50	133
300	F030300X1NC	0.15S-B0.5/0.3S-B0.9	4.0	20.75	34.5	13.50	133
400 [1]	F030400X1NC	0.15S-B0.9/0.3S-B1.8	4.0	20.75	34.5	13.50	133
500 [1]	F030500X1NC	0.15S-B0.9/0.3S-B1.8	4.0	20.75	34.5	13.50	133
600 [1]	F030600X1NC	0.15S-B0.9/0.3S-B1.8	4.0	20.75	34.5	13.50	133
800 [1]	F030800X1NC	0.15S-B0.9/0.3S-B1.8	4.0	20.75	34.5	13.50	133
1000 [1]	F031000X1NC	0.15S-B1.8	4.0	20.75	34.5	13.50	133
1200 [1]	F031200X1NC	0.15S-B1.8	3.0	20.75	34.5	13.50	133
1500 [1]	F031500X1NC	0.15S-B1.8	3.0	20.75	34.5	13.50	133
2000 [1]	F032000X1NC	0.15S-B1.8	3.0	20.75	34.5	13.50	133

Accuracy is maintained from 5% rated current through its rating factor.

[1] Accuracy for this primary current is maintained down to 1% rated current.

Available with a 34.5" primary bar kit (maximum 5500 A). Change the "1" following the X to "3".

Note: Accuracy class and burdens are subject to change based on actual factory performance. ABB reserves the right to modify this performance on the rating plate when performance is better than what is published herein.

Courtesy of store.ips.us

TYPE LG-25-879

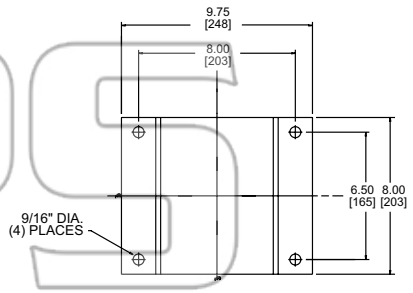
1VAP701231-DB

Outdoor
25 kV, 150 kV BIL
60 Hertz

Tube type
4.5" ID x 22" long

Consult factory for dual core design options.

Mounting base dimensions (in. [mm])



Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	F092015S159-1	0.3B-0.2	C150	2.0	23.0	22.0	17.75	218
300	F093015S209-1	0.3B-0.5	C200	2.0	23.0	22.0	17.75	218
400	F094015S309-1	0.3B-0.9	C300	2.0	23.0	22.0	17.75	218
600	F096015S409-1	0.3B-1.8	C400	2.0	23.0	22.0	17.75	218
800	F098015S609-1	0.3B-1.8	C600	2.0	23.0	22.0	17.75	218
1000	F091025S809-1	0.3B-1.8	C800	2.0	23.0	22.0	17.75	218
1200	F091225S809-1	0.3B-1.8	C800	2.0	23.0	22.0	17.75	218
1500	F091525S809-1	0.3B-1.8	C800	2.0	23.0	22.0	17.75	218
2000	F092025S809-1	0.3B-1.8	C800	2.0	23.0	22.0	17.75	218
2500	F092525S809-1	0.3B-1.8	C800	2.0	23.0	22.0	17.75	218
3000	F093025S809-1	0.3B-1.8	C800	2.0	23.0	22.0	17.75	218
4000	F094025S809-1	0.3B-1.8	C800	1.5	23.0	22.0	17.75	218
5000	F095025S809-1	0.3B-1.8	C800	1.5	23.0	22.0	17.75	218
6000	F096025S809-1	0.3B-1.8	C800	1.5	23.0	22.0	17.75	218
8000	F098025S809-1	0.3B-1.8	C800	1.25	23.0	22.0	17.75	218
10000	F091035S809-1	0.3B-1.8	C800	1.0	23.0	22.0	17.75	218
200/400	F092015D159-1	0.3B-0.2/0.3B-0.9	C150/C300	2.0/2.0	23.0	22.0	17.75	218
300/600	F093015D209-1	0.3B-0.5/0.3B-1.8	C200/C400	2.0/2.0	23.0	22.0	17.75	218
400/800	F094015D309-1	0.3B-0.9/0.3B-1.8	C300/C600	2.0/2.0	23.0	22.0	17.75	218
600/1200	F096015D409-1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	23.0	22.0	17.75	218
1000/2000	F091025D409-1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	23.0	22.0	17.75	218
1500/3000	F091525D809-1	0.3B-1.8/0.3B-1.8	C800/C800	2.0/2.0	23.0	22.0	17.75	218

Available in multi-ratio designs (full tap ratings same as single ratio above).

One second thermal/mechanical rating: 80x full winding I_{nom} unlimited mechanical

Available with a 34.5" primary bar kit (maximum 5500 A). Change digit after hyphen (-) from “1” to “3”.

store.ips.us

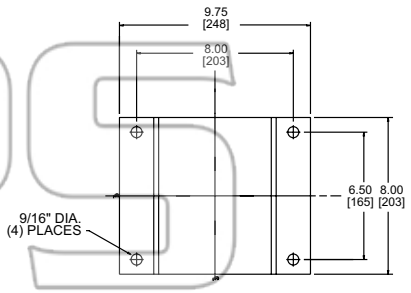
Courtesy of store.ips.us

TYPE LG(X)-25-6513

Outdoor
25 kV, 150 kV BIL
60 Hertz
Tube type
8.75" ID x 22" long

Consult factory for dual core design options.

Mounting base dimensions (in. [mm])



TYPE LG-25-6513

Available in multi-ratio designs (full tap ratings same as single ratios)

One second thermal/ mechanical rating: 80x full winding I_{nom} unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	F040200S1	0.6B-0.2	C50	2.0	23.63	22.0	17.75	160
300	F040300S1	0.6B-0.2	C75	2.0	23.63	22.0	17.75	160
400	F040400S1	0.3B-0.5	C100	2.0	23.63	22.0	17.75	160
600	F040600S1	0.3B-0.5	C150	2.0	23.63	22.0	17.75	160
800	F040800S1	0.3B-0.9	C200	2.0	23.63	22.0	17.75	160
1000	F041000S1	0.3B-1.8	C250	2.0	23.63	22.0	17.75	160
1200	F041200S1	0.3B-1.8	C300	2.0	23.63	22.0	17.75	160
1500	F041500S1	0.3B-1.8	C400	2.0	23.63	22.0	17.75	160
2000	**F042000S1**	0.3B-1.8	C500	2.0	23.63	22.0	17.75	160
2500	F042500S1	0.3B-1.8	C600	2.0	23.63	22.0	17.75	160
3000	**F043000S1**	0.3B-1.8	C800	2.0	23.63	22.0	17.75	160
4000	F044000S1	0.3B-1.8	C800	1.5	23.63	22.0	17.75	160
5000	F045000S1	0.3B-1.8	C800	1.5	23.63	22.0	17.75	160
6000	**F046000S1**	0.3B-1.8	C800	1.0	23.63	22.0	17.75	160
8000	F048000S1	0.3B-1.8	C800	1.0	23.63	22.0	17.75	160
10000	F0410000S1	0.3B-1.8	C800	1.0	23.63	22.0	17.75	160
200/400	F040200D1	0.6B-0.2/0.3B-0.5	C50/C100	2.0/2.0	23.63	22.0	17.75	160
300/600	F040300D1	0.6B-0.2/0.3B-0.5	C75/C150	2.0/2.0	23.63	22.0	17.75	160
400/800	F040400D1	0.3B-0.5/0.3B-0.9	C100/C200	2.0/2.0	23.63	22.0	17.75	160
600/1200	F040600D1	0.3B-0.5/0.3B-1.8	C150/C300	2.0/2.0	23.63	22.0	17.75	160
1000/2000	F041000D1	0.3B-1.8/0.3B-1.8	C200/C400	2.0/2.0	23.63	22.0	17.75	160
1500/3000	F041500D1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	23.63	22.0	17.75	160
2000/4000	**F042000D1**	0.3B-1.8/0.3B-1.8	C400/C800	2.0/1.5	23.63	22.0	17.75	160
3000/6000	**F043000D1**	0.3B-1.8/0.3B-1.8	C400/C800	1.5/1.0	23.63	22.0	17.75	160

IC Approval (AE-1104) is noted by bold style number.

TYPE LGX-25-6513 **High accuracy**

One second thermal/ mechanical rating: 80x full winding I_{nom} unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
400	F040400X1NC	0.15S-B0.5/0.3S-B0.9	4.0	23.63	22.0	17.75	160
600	F040600X1NC	0.15S-B0.9/0.3S-B1.8	4.0	23.63	22.0	17.75	160
800	F040800X1NC	0.15S-B0.9/0.3S-B1.8	4.0	23.63	22.0	17.75	160
1000	F041000X1NC	0.15S-B1.8	3.0	23.63	22.0	17.75	160
1200	F041200X1NC	0.15S-B1.8	3.0	23.63	22.0	17.75	160
1500	F041500X1NC	0.15S-B1.8	3.0	23.63	22.0	17.75	160
2000	F042000X1NC	0.15S-B1.8	2.0	23.63	22.0	17.75	160

Accuracy is maintained from 5% rated current through its rating factor.

LGX-25-6513 is not available in dual-core design.

Courtesy of store.ips.us

TYPE KOR-20ER

1VAP429283-DB

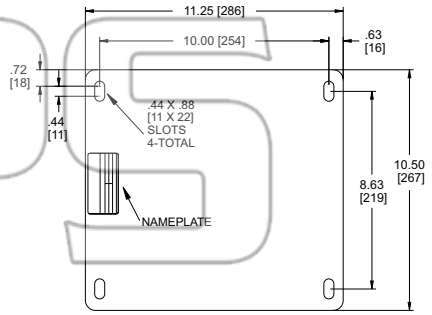
Outdoor
34.5 kV, 200 kV BIL
50/60 Hertz

Extended Range
(0.15% accuracy from 1% of I_{nom} thru rating factor)

Thermal Rating:
All styles 100 x normal, 1 second

Creep: 36.5" (927 mm)

Mounting base dimensions (in. [mm])



Note: These units encapsulated with HCEP material.

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	E-923A433G01	0.15B-1.8	+	1.5	20.0	13.0	14.59	110
1000	E-923A433G02	0.15B-1.8	+	1.5	20.0	13.0	14.59	110

+ Not to be used for relay applications.

store.ips.us

Courtesy of store.ips.us

TYPE KOR-20

Outdoor
36 kV, 200 kV BIL
50/60 Hertz

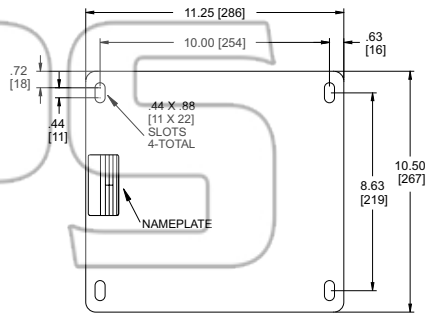
Mechanical Rating:
All styles single ratio: 290 x normal
All styles double ratio: 290 TAP, 145 FULL

Thermal Rating:
All styles 100 x normal, 1 second

Creep: 36.5" (927 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



KOR-20 Single ratio

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
10	E-7524A22G01	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
15	E-7524A22G02	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
20	E-7524A22G03	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
25	E-7524A22G04	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
30	E-7524A22G05	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
40	E-7524A22G06	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
50	E-7524A22G07	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
75	E-7524A22G08	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
100	E-7524A22G09	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
150	E-7524A22G10	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
200	E-7524A22G11	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
300	E-7524A22G12	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
400	E-7524A22G13	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
500	E-7524A22G14	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
600	E-7524A22G15	0.3B-0.9	C100	3.0	20.0	13.0	14.59	110
800	E-7524A22G16	0.3B-0.9	C200	1.5	20.0	13.0	14.59	110
1200	E-7524A22G17	0.3B-0.9	C200	1.0	20.0	13.0	14.59	110

Higher metering and relaying accuracies available.

KOR-20 Double ratio

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
5/10	E-7524A21G01	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
10/20	E-7524A21G02	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
20/40	E-7524A21G03	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
25/50	E-7524A21G04	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
50/100	E-7524A21G05	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
75/150	E-7524A21G06	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
100/200	E-7524A21G07	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
150/300	E-7524A21G08	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
200/400	E-7524A21G09	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
300/600	E-7524A21G10	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
400/800	E-7524A21G11	0.3B-0.9/0.3B-1.8	C100/C200	3.0/1.5	20.0	13.0	14.59	110
600/1200	E-7524A21G12	0.3B-0.9/0.3B-1.8	C100/C200	2.0/1.0	20.0	13.0	14.59	110

* Accuracy 20% less at 50 Hertz.

store.ips.us

Courtesy of store.ips.us

TYPE KOR-20E

Outdoor
36 kV, 200 kV BIL
50/60 Hertz

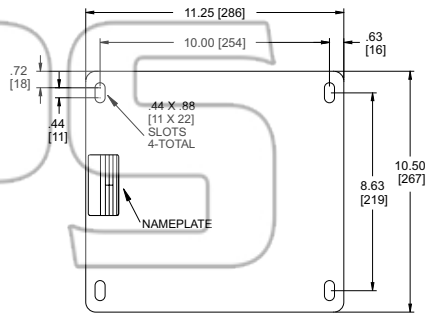
Mechanical Rating:
All styles single ratio: 290 x normal
All styles double ratio: 290 TAP, 145 FULL

Thermal Rating:
All styles 100 x normal, 1 second

Creep: 36.5" (927 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy*	Rating Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
KOR-20E **Single ratio**	10	E-923A545G01	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	15	E-923A545G02	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	20	E-923A545G03	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	25	E-923A545G04	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	30	E-923A545G05	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	40	E-923A545G06	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	50	E-923A545G07	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	75	E-923A545G08	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	100	E-923A545G09	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	150	E-923A545G10	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	200	E-923A545G11	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	300	E-923A545G12	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	400	E-923A545G13	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	500	E-923A545G14	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	600	E-923A545G15	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	800	E-923A545G16	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110
	1200	E-923A545G17	0.15B-0.5/0.3B-1.8	C20	1.5	20.0	13.0	14.59	110

Higher metering and relaying accuracies available.

store.ips.us

Courtesy of store.ips.us

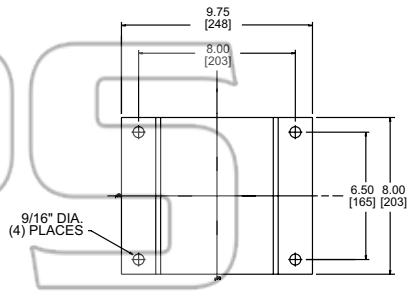
TYPE LG(X)-34-879

1VAP701251-DB & 1VAP701252-DB

34500 Volts
Outdoor
200 kV BIL
60 Hertz
Tube type
4.5" ID x 30" long

Consult factory for dual core design options.

Mounting base dimensions (in. [mm])



TYPE LG-34-879

One second thermal/ mechanical rating: 80 x full winding I_{nom} /unlimited mechanical.

Available in multi-ratio designs (full tap ratings same as single ratio above).

Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs)
200	G092015S159-1	0.3B-0.2	C150	2.0	25.38	30.0	17.75	232
300	G093015S209-1	0.3B-0.5	C200	2.0	25.38	30.0	17.75	232
400	G094015S309-1	0.3B-0.9	C300	2.0	25.38	30.0	17.75	232
600	G096015S409-1	0.3B-1.8	C400	2.0	25.38	30.0	17.75	232
800	G098015S609-1	0.3B-1.8	C600	2.0	25.38	30.0	17.75	232
1000	G091025S809-1	0.3B-1.8	C800	2.0	25.38	30.0	17.75	232
1200	G091225S809-1	0.3B-1.8	C800	2.0	25.38	30.0	17.75	232
1500	G091525S809-1	0.3B-1.8	C800	2.0	25.38	30.0	17.75	232
2000	G092025S809-1	0.3B-1.8	C800	2.0	25.38	30.0	17.75	232
2500	G092525S809-1	0.3B-1.8	C800	2.0	25.38	30.0	17.75	232
3000	G093025S809-1	0.3B-1.8	C800	2.0	25.38	30.0	17.75	232
4000	G094025S809-1	0.3B-1.8	C800	1.5	25.38	30.0	17.75	232
5000	G095025S809-1	0.3B-1.8	C800	1.5	25.38	30.0	17.75	232
6000	G096025S809-1	0.3B-1.8	C800	1.5	25.38	30.0	17.75	232
8000	G098025S809-1	0.3B-1.8	C800	1.25	25.38	30.0	17.75	232
10000	G091035S809-1	0.3B-1.8	C800	1.0	25.38	30.0	17.75	232
200/400	G092015D159-1	0.3B-0.2/0.3B-0.9	C150/C300	2.0/2.0	25.38	30.0	17.75	232
300/600	G093015D209-1	0.3B-0.5/0.3B-1.8	C200/C400	2.0/2.0	25.38	30.0	17.75	232
400/800	G094015D309-1	0.3B-0.9/0.3B-1.8	C300/C600	2.0/2.0	25.38	30.0	17.75	232
600/1200	G096015D409-1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	25.38	30.0	17.75	232
1000/2000	G091025D409-1	0.3B-1.8/0.3B-1.8	C400/C800	2.0/2.0	25.38	30.0	17.75	232
1500/3000	G091525D809-1	0.3B-1.8/0.3B-1.8	C800/C800	2.0/2.0	25.38	30.0	17.75	232

Available with a 43.5" primary bar kit (max 5500 A). Change the "1" following the hyphen (-) to "3".

TYPE LGX-34-879 **High accuracy**

One second thermal/ mechanical rating: 80 x full winding I_{nom} /unlimited mechanical.

Primary Amps	Style Number	IEEE Metering Accuracy	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
200	G092015X010-1NC	0.15S-B0.1/0.3S-B0.2	4.0	25.38	30.0	17.75	232
300	G093015X050-1NC	0.15S-B0.5/0.3S-B0.9	4.0	25.38	30.0	17.75	232
400 [1]	G094015X090-1NC	0.15S-B0.9/0.3S-B1.8	4.0	25.38	30.0	17.75	232
500 [1]	G095015X090-1NC	0.15S-B0.9/0.3S-B1.8	4.0	25.38	30.0	17.75	232
600 [1]	G096015X090-1NC	0.15S-B0.9/0.3S-B1.8	4.0	25.38	30.0	17.75	232
800 [1]	G098015X090-1NC	0.15S-B0.9/0.3S-B1.8	4.0	25.38	30.0	17.75	232
1000 [1]	G091025X180-1NC	0.15S-B1.8	4.0	25.38	30.0	17.75	232
1200 [1]	G091225X180-1NC	0.15S-B1.8	3.0	25.38	30.0	17.75	232
1500 [1]	G091525X180-1NC	0.15S-B1.8	3.0	25.38	30.0	17.75	232
2000 [1]	G092025X180-1NC	0.15S-B1.8	3.0	25.38	30.0	17.75	232

Accuracy is maintained from 5% rated current through its rating factor.

[1] Accuracy for this primary current is maintained down to 1% rated current.

Available with a 43.5" primary bar kit (max 5500 A). Change the "1" following the hyphen (-) to "3" in the style number.

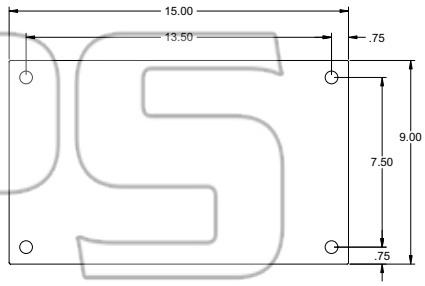
store.ips.us

Courtesy of store.ips.us

TYPE KOTD-200

36 kV, 200 kV BIL
Single, double, & multi-ratio
50/60 Hertz
Tube type
5" ID
Consult factory for 4" ID and for designs up to four secondaries.

Mounting base dimensions (in)



IPS

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-200 **Tube type Single ratio**	400	923A203G01	2.0	0.3B-0.5	C200	25	14.7	17	260
	600	923A203G02	2.0	0.3B-0.9	C200	25	14.7	17	260
	800	923A203G03	2.0	0.3B-1.8	C400	25	14.7	17	260
	1000	923A203G04	2.0	0.3B-1.8	C400	25	14.7	17	260
	1200	923A203G05	1.5	0.3B-1.8	C400	25	14.7	17	260
	1600	923A203G06	1.25	0.3B-1.8	C400	25	14.7	17	260
	2000	923A203G07	1.0	0.3B-1.8	C800	25	14.7	17	260
	3000	923A203G08	1.33	0.3B-1.8	C800	25	14.7	17	260
	4000	923A203G09	1.0	0.3B-1.8	C800	25	14.7	17	260
	5000	923A203G10	1.0	0.3B-1.8	C800	20	14.7	17	260

store.ips.us

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-200 **Tube type Double ratio**	200/400	923A170G01	2.0/2.0	0.6B-0.2/0.3B-0.5	C100/C200	25	14.7	17	260
	300/600	923A170G02	2.0/2.0	0.3B-0.2/0.3B-0.9	C100/C200	25	14.7	17	260
	400/800	923A170G03	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	25	14.7	17	260
	500/1000	923A170G04	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	25	14.7	17	260
	600/1200	923A170G05	2.0/2.0	0.3B-0.9/0.3B-1.8	C200/C400	25	14.7	17	260
	800/1600	923A170G06	2.0/2.0	0.3B-0.9/0.3B-1.8	C200/C400	25	14.7	17	260
	1000/2000	923A170G07	2.0/2.0	0.3B-1.8/0.3B-1.8	C400/C800	25	14.7	17	260
	1500/3000	923A170G08	2.0/1.5	0.3B-1.8/0.3B-1.8	C400/C800	25	14.7	17	260
	2000/4000	923A170G09	2.0/1.25	0.3B-1.8/0.3B-1.8	C400/C800	25	14.7	17	260
	2500/5000	923A170G10	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	25	14.7	17	260

	Primary Amps	Style Number	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-200 **Tube type Multi ratio**	600	923A171G01	2.0	0.3B-0.9	C200	25	15.3	17	260
	1200	923A171G02	2.0	0.3B-1.8	C400	25	15.3	17	260
	2000	923A171G03	1.0	0.3B-1.8	C800	25	15.3	17	260
	3000	923A171G04	1.33	0.3B-1.8	C800	25	15.3	17	260
	4000	923A171G05	1.0	0.3B-1.8	C800	25	15.3	17	260
	5000	923A171G06	1.0	0.3B-1.8	C800	25	15.3	17	260

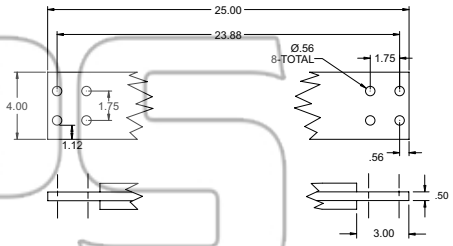
* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

TYPE KOTD-200

36 kV, 200 kV BIL
Single, double, & multi-ratio
50/60 Hertz
Bar type
5" ID
Consult factory for designs up to four secondaries.

Bar dimensions (in)



Note: Base dimensions same as tube type KOTD

	Primary Amps	Style number	No. of bars	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-200 **Bar type Single ratio**	400	923A175G01	1	2.0	0.3B-0.5	C200	25	14.7	25	275
	600	923A175G02	1	2.0	0.3B-0.9	C200	25	14.7	25	275
	800	923A175G03	1	2.0	0.3B-1.8	C400	25	14.7	25	275
	1000	923A175G04	1	2.0	0.3B-1.8	C400	25	14.7	25	275
	1200	923A175G05	1	1.5	0.3B-1.8	C400	25	14.7	25	275
	1600	923A175G06	1	1.25	0.3B-1.8	C400	25	14.7	25	275
	2000	923A175G07	1	1.0	0.3B-1.8	C800	25	14.7	25	275
	3000	923A175G08	2	1.33	0.3B-1.8	C800	25	14.7	25	275
	4000	923A175G09	2	1.0	0.3B-1.8	C800	25	14.7	25	275
	5000	923A175G10	3	1.0	0.3B-1.8	C800	25	14.7	25	275

store.ips.us

	Primary Amps	Style number	No. of bars	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-200 **Bar type Double ratio**	200/400	923A176G01	1	2.0/2.0	0.6B-0.2/0.3B-0.5	C100/C200	25	14.7	25	275
	300/600	923A176G02	1	2.0/2.0	0.3B-0.2/0.3B-0.9	C100/C200	25	14.7	25	275
	400/800	923A176G03	1	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	25	14.7	25	275
	500/1000	923A176G04	1	2.0/2.0	0.3B-0.5/0.3B-1.8	C200/C400	25	14.7	25	275
	600/1200	923A176G05	1	2.0/1.5	0.3B-0.9/0.3B-1.8	C200/C400	25	14.7	25	275
	800/1600	923A176G06	1	2.0/1.25	0.3B-0.9/0.3B-1.8	C200/C400	25	14.7	25	275
	1000/2000	923A176G07	1	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	25	14.7	25	275
	1500/3000	923A176G08	2	2.0/1.33	0.3B-1.8/0.3B-1.8	C400/C800	25	14.7	25	275
	2000/4000	923A176G09	2	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	25	14.7	25	275
	2500/5000	923A176G10	3	2.0/1.0	0.3B-1.8/0.3B-1.8	C400/C800	25	14.7	25	275

	Primary Amps	Style number	No. of bars	Rating Factor	IEEE Metering Accuracy	Relay* Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE KOTD-200 **Bar type Multi ratio**	600	923A177G01	1	2.0	0.3B-0.9	C200	25	14.7	25	275
	1200	923A177G02	1	1.5	0.3B-1.8	C400	25	14.7	25	275
	2000	923A177G03	1	1.0	0.3B-1.8	C800	25	14.7	25	275
	3000	923A177G04	2	1.33	0.3B-1.8	C800	25	14.7	25	275
	4000	923A177G05	2	1.0	0.3B-1.8	C800	25	14.7	25	275
	5000	923A177G06	3	1.0	0.3B-1.8	C800	25	14.7	25	275

* Accuracy 20% less at 50 Hertz

Courtesy of store.ips.us

TYPE VIY-60

Unfused

One fuse

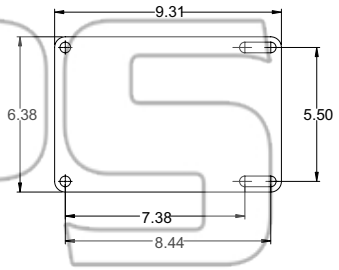
Two fuses

Indoor
60 kV BIL
60 Hertz*

Thermal Rating: [1]
1000 VA at 30°C
700 VA at 55°C

UL Recognized Component

Mounting base dimensions (in)



Indicating fuses are Type CLE-PT, 1.0, 5.5 kV, Style number 50C5225G06

Non-indicating fuses are Type CLE-PT, 2.0, 5.5 kV, Style number 9626A33H03

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy [1]	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
Unfused	2400/4160Y	7525A50G01	20:1	0.3W, X, M Y	6.90	6.37	9.63	32
	4200/4200Y	7525A50G02	35:1	0.3W, X, M Y	6.90	6.37	9.63	32
	4800/4800Y	7525A50G03	40:1	0.3W, X, M Y	6.90	6.37	9.63	32
2 fuses	2400/4160Y	7525A51G01	20:1	0.3W, X, M Y	8.25	6.75	10.00	36
	4200/4200Y	7525A51G02	35:1	0.3W, X, M Y	8.25	6.75	10.00	36
	4800/4800Y	7525A51G03	40:1	0.3W, X, M Y	8.25	6.75	10.00	36
1 fuse[4]	2400/4160GY	7525A52G01	20:1	0.3W, X, M Y	8.56	6.37	10.00	34
	4200/4200GY [2]	7525A52G02	35:1	0.3W, X, M Y	8.56	6.37	10.00	34
	4800/4800GY [2]	7525A52G03	40:1	0.3W, X, M Y	8.56	6.37	10.00	34
Switchgear style[3]	2400/4160Y	7525A54G01	20:1	0.3W, X, M Y	6.90	6.37	9.63	32
	4200/4200Y	7525A54G02	35:1	0.3W, X, M Y	6.90	6.37	9.63	32
	4800/4800Y	7525A54G03	40:1	0.3W, X, M Y	6.90	6.37	9.63	32
Switchgear style[3] [4]	2400/4160GY	7525A55G01	20:1	0.3W, X, M Y	6.90	6.37	9.63	32
	4200/4200GY [2]	7525A55G02	35:1	0.3W, X, M Y	6.90	6.37	9.63	32
	4800/4800GY [2]	7525A55G03	40:1	0.3W, X, M Y	6.90	6.37	9.63	32
1 fuse, non-indicating	2400/4160GY [4]	9628A11G01	20:1	0.3W, X, M Y	8.51	6.38	9.63	37
	4200/4200GY [4]	9628A11G02	35:1	0.3W, X, M Y	8.51	6.38	9.63	37
	4800/4800GY [4]	9628A11G03	40:1	0.3W, X, M Y	8.51	6.38	9.63	37
2 fuses, non-indicating	2400/4160Y	9628A12G01	20:1	0.3W, X, M Y	8.20	6.38	9.63	39
	4200/4200Y	9628A12G02	35:1	0.3W, X, M Y	8.20	6.38	9.63	39
	4800/4800Y	9628A12G03	40:1	0.3W, X, M Y	8.20	6.38	9.63	39

1 Thermal and accuracy ratings for 120 V secondary voltage.

2 Fluxed for line-to-line voltage; when connected line-to-ground, normal secondary voltage is 69.3 volts.

3 Switchgear style is similar to fused style except fuse, fuse clips, and secondary terminal cover are omitted.

4 One fully insulated primary terminal for line-to-ground connection only.

Contact factory for 50 Hz designs.

Courtesy of store.ips.us

TYPE VOY-60

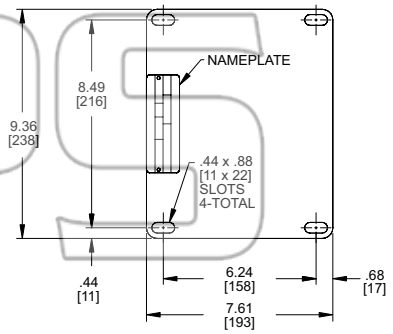
Outdoor
60 kV BIL
60 Hertz

Thermal rating:
1000 VA @ 30°C ambient

Creep: 15.8" (401 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



Primary Voltage	Ratio	Style Number
2400/4160Y	20:1	E-7525A85G01
4200/4200Y	35:1	E-7525A85G02
4800/4800Y	40:1	E-7525A85G03

Contact factory for 50 Hz designs.

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3W, X, M, Y	12.39	11.25	10.61	40
0.3W, X, M, Y	12.39	11.25	10.61	40
0.3W, X, M, Y	12.39	11.25	10.61	40

store.ips.us

Courtesy of store.ips.us

TYPE VIZ-75

One fuse

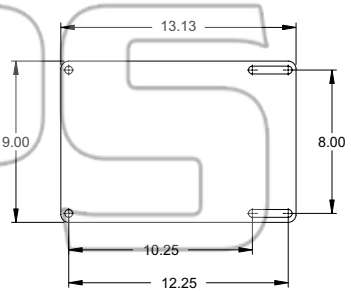
Two fuses

Indoor
75 kV BIL
60 Hertz

Thermal Rating:
1500 VA at 30°C
1000 VA at 55°C

UL Recognized Component

Mounting base dimensions (in)



	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-75 75 kV BIL **Unfused**	2400/4160Y	7525A66G01	20:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	4200/7280Y	7525A66G02	35:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	4800/8320Y	7525A66G03	40:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	7200/7200Y	7525A66G04	60:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
VIZ-75 75 kV BIL **Switchgear style [3]**	2400/4160Y	7525A70G01	20:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	4200/7280Y	7525A70G02	35:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	4800/8320Y	7525A70G03	40:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	7200/7200Y	7525A70G04	60:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
VIZ-75 75 kV BIL **Switchgear style [3 4]**	2400/4160GY	7525A71G01	20:1	0.3W, X, M Y, Z	9.81	9.25	13.12	65
	4200/7280GY	7525A71G02	35:1	0.3W, X, M Y, Z	9.81	9.25	13.12	65
	4800/8320GY	7525A71G03	40:1	0.3W, X, M Y, Z	9.81	9.25	13.12	65
	7200/7200GY	7525A71G04	60:1	0.3W, X, M Y, Z	9.81	9.25	13.12	65
VIZ-75 75 kV BIL **Fuse clips only** **Four terminals**	2400/4160Y	9628A17G01	20:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
	4200/7280Y	9628A17G02	35:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
	4800/8320Y	9628A17G03	40:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
	7200/7200Y	9628A17G04	60:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
VIZ-75 75 kV BIL **2 fuses**	2400/4160Y	7525A67G01	20:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
	4200/7280Y	7525A67G02	35:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
	4800/8320Y	7525A67G03	40:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
	7200/7200Y	7525A67G04	60:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
VIZ-75 75 kV BIL **1 fuse**	2400/4160GY	7525A68G01	20:1	0.3W, X, M Y, Z	12.18	9.25	15.50	67
	4200/7280GY	7525A68G02	35:1	0.3W, X, M Y, Z	12.18	9.25	15.50	67
	4800/8320GY	7525A68G03	40:1	0.3W, X, M Y, Z	12.18	9.25	15.50	67
	7200/7200GY	7525A68G04	60:1	0.3W, X, M Y, Z	12.18	9.25	15.50	67

Contact factory for 50 Hz designs.

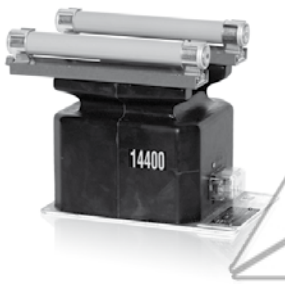
Accessories for line-to-line units:
Fuse kit to convert unfused VIZ-75 to fused style (two fuses and hardware): 7527A98G01

Accessories for line-to-ground units:
Fuse kit to convert unfused VIZ-75 to fused style (one fuse and hardware): 7527A98G02

Replacement fuses:
CLE-PT, 0.5, 15.5 kV: 50C5225G03
CLE-PT, 1.0, 15.5 kV: 50C5225G08

Courtesy of store.ips.us

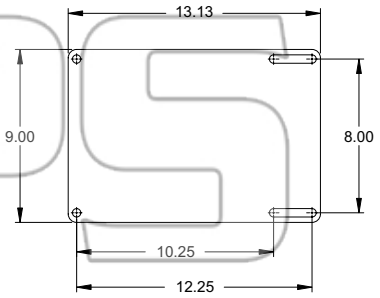
TYPE VIZ-75E



Indoor
75 kV BIL
60 Hertz

Thermal Rating:
1500 VA at 30°C
1000 VA at 55°C

Mounting base dimensions (in)



	Primary Voltage	Style Number	Ratio
VIZ-75E 75 kV BIL 2 fuses **Special high accuracy**	2400/4160Y	923A125G01	20:1
	4160/4160Y	923A125G12	34:67:1
	4200/7280Y	923A125G02	35:1
	4800/8320Y	923A125G03	40:1
	7200/7200Y	923A125G04	60:1

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69

Contact factory for 50 Hz designs.

store.ips.us

Courtesy of store.ips.us

1VAP429631-DB

TYPE VOZ-75

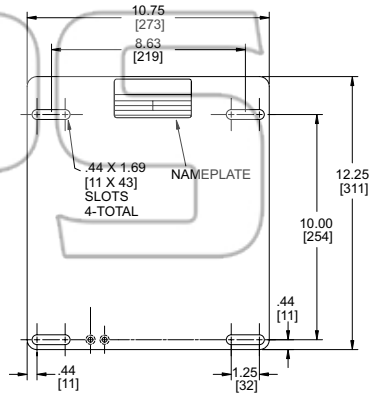
Outdoor
75 kV BIL
60 Hertz

Thermal rating:
1500 VA @ 30°C ambient

Creep: 28.2" (716 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



Primary Voltage	Ratio	Style Number
2400/4160Y	20:1	E-7525A89G01
4200/7280Y	35:1	E-7525A89G02
4800/8320Y	40:1	E-7525A89G03
7200/7200Y	60:1	E-7525A89G04

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.3W, X, M, Y, Z	15.82	12.87	14.04	75

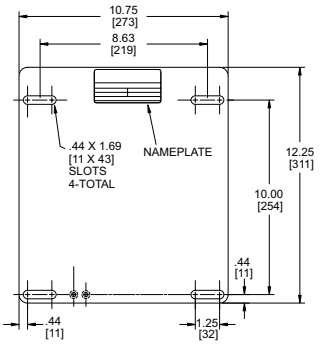
store.ips.us

TYPE VOZ-75E

Outdoor
75 kV BIL
60 Hertz

Thermal Rating:
1500 VA @ 30°C Ambient

Mounting base dimensions (in. [mm])



	Primary Voltage	Ratio	Style Number
VOZ-75E 75 kV BIL **Special high accuracy**	2400/4160Y	20:1	7881A94G01
	4200/7280Y	35:1	7881A94G02
	4800/8320Y	40:1	7881A94G03
	7200/7200Y	60:1	7881A94G04

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75

Courtesy of store.ips.us

TYPES VIL-95 and VIL-95S

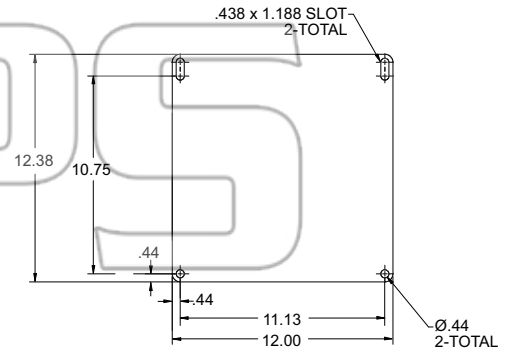
Indoor
95 kV BIL
60 Hertz

Thermal Rating:

VIL-95:	**VIL-95S:**
1500 VA at 30°C	750 VA at 30°C
1000 VA at 55°C	500 VA at 55°C

UL Recognized Component

Mounting base dimensions (in)



	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE VIL-95 **(junction box)**	2400/4160Y	7881A93G01	20:1	0.3Z	13.94	15.55	12.0	105
	4200/7280Y	7881A93G02	35:1	0.3Z	13.94	15.55	12.0	105
	4800/8320Y	7881A93G03	40:1	0.3Z	13.94	15.55	12.0	105
	7200/12470Y	7881A93G04	60:1	0.3Z	13.94	15.55	12.0	105
	7620/13200Y	7881A93G05	63.5:1	0.3Z	13.94	15.55	12.0	105
	8400/14560Y	7881A93G06	70:1	0.3Z	13.94	15.55	12.0	105
	12000/12000Y	7881A93G07	100:1	0.3Z	13.94	15.55	12.0	105
	13200/13200Y	7881A93G08	110:1	0.3Z	13.94	15.55	12.0	105
	14400/14400Y	7881A93G09	120:1	0.3Z	13.94	15.55	12.0	105

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE VIL-95S **(cable leads)**	2400/4160Y	7883A12G01	20:1	0.3Y	13.94	12.38	12.0	105
	4200/7280Y	7883A12G02	35:1	0.3Y	13.94	12.38	12.0	105
	4800/8320Y	7883A12G03	40:1	0.3Y	13.94	12.38	12.0	105
	7200/12470Y	7883A12G04	60:1	0.3Y	13.94	12.38	12.0	105
	7620/13200Y	7883A12G05	63.5:1	0.3Y	13.94	12.38	12.0	105
	8400/14560Y	7883A12G06	70:1	0.3Y	13.94	12.38	12.0	105
	12000/12000Y	7883A12G07	100:1	0.3Y	13.94	12.38	12.0	105
	7970/13800Y	7883A12G08	110:1	0.3Y	13.94	12.38	12.0	105
	6928/12000Y	7883A12G09	120:1	0.3Y	13.94	12.38	12.0	105

Contact factory for 50 Hz designs.

store.ips.us

Courtesy of store.ips.us

TYPE VIZ-11

One fuse

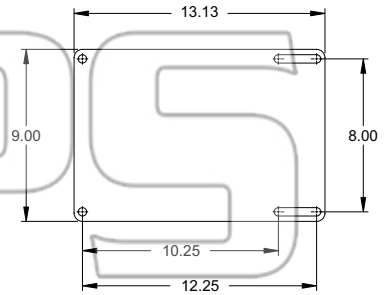
Two fuses

Indoor
110 kV BIL
60 Hertz

Thermal Rating:
1500 VA at 30°C
1000 VA at 55°C

UL Recognized Component

Mounting base dimensions (in)



	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-11 110 kV BIL **Unfused**	7200/12470Y	7525A66G05	60:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	8400/14560Y	7525A66G07	70:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	12000/12000Y	7525A66G08	100:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	14400/14400Y	7525A66G10	120:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-11 110 kV BIL **Switchgear style**	7200/12470Y	7525A70G05	60:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	8400/14560Y	7525A70G07	70:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	12000/12000Y	7525A70G08	100:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65
	14400/14400Y	7525A70G10	120:1	0.3W, X, M Y, Z	9.00	9.25	13.12	65

store.ips.us

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-11 110 kV BIL **Switchgear style**	7200/12470GY	7525A71G05	60:1	0.3W, X, M Y, Z	9.81	9.25	13.12	65
	8400/14560GY	7525A71G07	70:1	0.3W, X, M Y, Z	9.81	9.25	13.12	65
	12000/12000GY	7525A71G08	100:1	0.3W, X, M Y, Z	9.81	9.25	13.12	65
	14400/14400GY	7525A71G10	120:1	0.3W, X, M Y, Z	9.81	9.25	13.12	65

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-11 110 kV BIL **Fuse clips only Four terminals**	7200/12470Y	9628A17G05	60:1	0.3W, X, M, Y, Z	11.25	9.25	15.50	69
	7620/13200Y	9628A17G06	63.5:1	0.3W, X, M, Y, Z	11.25	9.25	15.50	69
	8400/14560Y	9628A17G07	70:1	0.3W, X, M, Y, Z	11.25	9.25	15.50	69
	12000/12000Y	9628A17G08	100:1	0.3W, X, M, Y, Z	11.25	9.25	15.50	69
	13200/13200Y	9628A17G09	110:1	0.3W, X, M, Y, Z	11.25	9.25	15.50	69
	14400/14400Y	9628A17G10	120:1	0.3W, X, M, Y, Z	11.25	9.25	15.50	69

Contact factory for 50 Hz designs.

Optional accessories for line-to-line units:
Fuse kit to convert unfused VIZ-11 to fused style:
(two fuses and hardware) 7527A98G01

Optional accessories for line-to-ground units:
Fuse kit to convert unfused VIZ-11 to fused style:
(one fuse and hardware) 7527A98G02

Replacement fuses:
CLE-PT, 0.5, 15.5 kV 50C5225G03
CLE-PT, 1.0, 15.5 kV 50C5225G08

Courtesy of store.ips.us

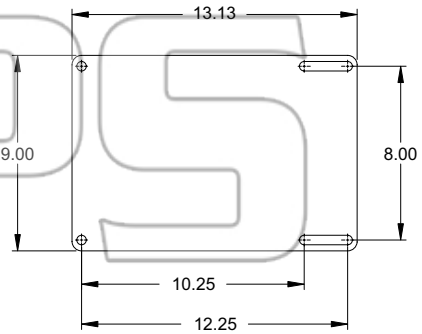
TYPE VIZ-11 (cont'd)

Indoor
110 kV BIL
60 Hertz

Thermal Rating:
1500 VA at 30°C
1000 VA at 55°C

UL Recognized Component

Mounting base dimensions (in)



	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-11	2400/4160GY	7525A65G02	20:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
110 kV BIL	4200/7280GY	7525A65G03	35:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
Fuse clips only	4800/8320GY	7525A65G05	40:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
Two terminals	7200/12470GY	7525A65G13	60:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
	7620/13200GY	7525A65G16	63.5:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
	8400/14560GY	7525A65G09	70:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
	12000/12000GY	7525A65G12	100:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
	13200/13200GY	7525A65G15	110:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
	14400/14400GY	7525A65G18	120:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67

store.ips.us

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-11	7200/12470Y	7525A64G19	60:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
110 kV BIL	7200/12470Y	7525A64G24	70:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
Fuse clips only	12000/12000Y	7525A64G06	100:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
Four terminals	13200/13200Y	7525A64G07	110:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67
	14400/14400GY	7525A64G08	120:1	0.3W, X, M, Y, Z	12.18	9.25	13.12	67

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-11	7200/12470Y	7525A67G05	60:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
110 kV BIL	8400/14560Y	7525A67G07	70:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
2 fuses	12000/12000Y	7525A67G08	100:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69
	14400/14400Y	7525A67G10	120:1	0.3W, X, M Y, Z	11.25	9.25	15.50	69

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-11	7200/12470GY	7525A68G05	60:1	0.3W, X, M Y, Z	12.18	9.25	15.50	67
110 kV BIL	8400/14560GY	7525A68G07	70:1	0.3W, X, M Y, Z	12.18	9.25	15.50	67
1 fuse	12000/12000GY	7525A68G08	100:1	0.3W, X, M Y, Z	12.18	9.25	15.50	67
	14400/14400GY	7525A68G10	120:1	0.3W, X, M Y, Z	12.18	9.25	15.50	67

Optional accessories for line-to-line units:
Fuse kit to convert unfused VIZ-11 to fused style (two fuses and hardware): 7527A98G01

Optional accessories for line-to-ground units:
Fuse kit to convert unfused VIZ-11 to fused style (one fuse and hardware): 7527A98G02

Replacement fuses:

CLE-PT, 0.5, 15.5 kV	50C5225G03
CLE-PT, 1.0, 15.5 kV	50C5225G08

Courtesy of store.ips.us

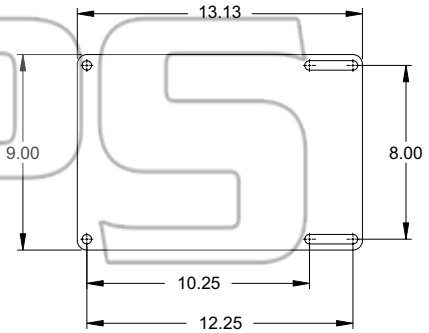
TYPE VIZ-11E

Indoor
75 kV and 110 kV BIL
60 Hertz

Thermal Rating:
1500 VA at 30°C
1000 VA at 55°C

UL Recognized Component

Mounting base dimensions (in)



	Primary Voltage	Style Number	Ratio
	7200/12470Y	923A125G05	60:1
VIZ-11E	7620/13200Y	923A125G06	63.5:1
110 kV BIL	8400/14560Y	923A125G07	70:1
2 fuses	12000/12000Y	923A125G08	100:1
Special high	13200/13200Y	923A125G09	110:1
accuracy	14400/14400Y	923A125G10	120:1

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69
0.15W thru Y	11.25	9.25	15.50	69

store.ips.us

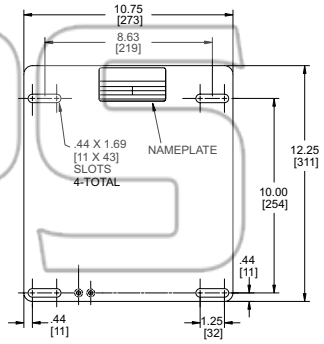
Courtesy of store.ips.us

TYPE VOZ-11E

Outdoor
110 kV BIL
60 Hertz

Special high accuracy

Mounting base dimensions (in. [mm])



Primary Voltage	Ratio	Style Number
7200/12470Y	60:1	7881A94G05
7620/13200Y	63.5:1	7881A94G06
8400/14560Y	70:1	7881A94G07
12000/12000Y	100:1	7881A94G08
13200/13200Y	110:1	7881A94G09
14400/14400Y	120:1	7881A94G10

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.15W, X, M, Y 0.3W, X, M, Y, Z	15.82	12.87	14.04	75

storeips.us

1VAP429631-DB

TYPE VOY-11

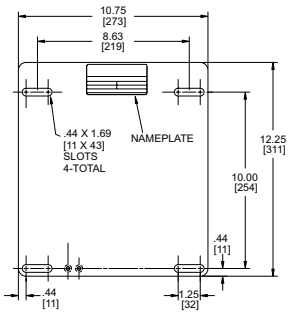
Outdoor
110 kV BIL
60 Hertz

Thermal Rating:
1500 VA @ 30°C Ambient

Creep:
28.2" (716 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



Primary Voltage	Ratio	Style Number
7200/12470Y	60:1	E-7525A23G05
7620/13200Y	63.5:1	E-7525A23G06
8400/14560Y	70:1	E-7525A23G07
12000/12000Y	100:1	E-7525A23G08
13200/13200Y	110:1	E-7525A23G09
14400/14400Y	120:1	E-7525A23G10

Contact factory for 50 Hz designs.

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3W, X, M, Y	15.89	12.86	14.04	75
0.3W, X, M, Y	15.89	12.86	14.04	75
0.3W, X, M, Y	15.89	12.86	14.04	75
0.3W, X, M, Y	15.89	12.86	14.04	75
0.3W, X, M, Y	15.89	12.86	14.04	75
0.3W, X, M, Y	15.89	12.86	14.04	75

Courtesy of store.ips.us

TYPE VOG-11

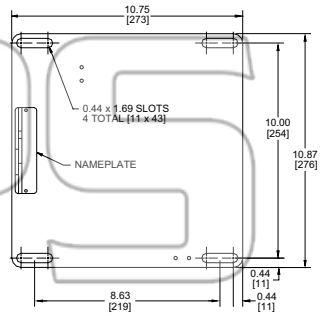
Outdoor
110 kV BIL
60 Hertz

Thermal Rating:
1000 VA @ 30°C Ambient

Creep:
24.7" (627 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



Primary Voltage	Ratio	Style Number
7200/12470GY	60:1	E-7525A95G01
7620/13200GY	63.5:1	E-7525A95G02
8400/14560GY	70:1	E-7525A95G03

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3W, X, M, Y	15.82	10.87	13.75	40
0.3W, X, M, Y	15.82	10.87	13.75	40
0.3W, X, M, Y	15.82	10.87	13.75	40

Contact factory for 50 Hz designs.

store.ips.us

Courtesy of store.ips.us

TYPE VOZ-11

1VAP429631-DB

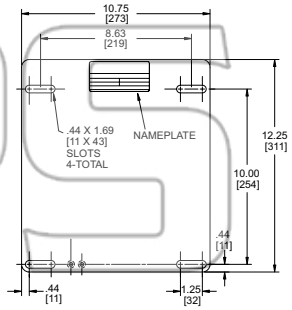
Outdoor
110 kV BIL
60 Hertz

Thermal Rating:
1500 VA @ 30°C Ambient

Creep:
28.2" (716 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



Primary Voltage	Ratio	Style Number
7200/12470Y	60:1	E-7525A89G05
7620/13200Y	63.5:1	E-7525A89G06
8400/14560Y	70:1	E-7525A89G07
12000/12000Y	100:1	E-7525A89G08
13200/13200Y	110:1	E-7525A89G09
14400/14400Y	120:1	E-7525A89G10

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.3W, X, M, Y, Z	15.82	12.87	14.04	75
0.3W, X, M, Y, Z	15.82	12.87	14.04	75

Contact factory for additional designs.

Contact factory for 50 Hz designs.

store.ips.us

TYPE VOZ-11M

1VAP429632-DB

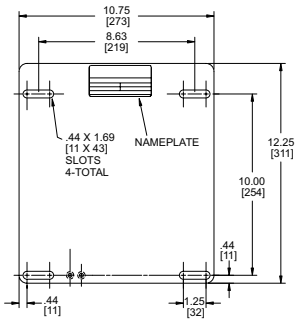
Outdoor
110 kV BIL
60 Hertz

Thermal Rating:
1500 VA @ 30°C Ambient

Creep:
25.0" (635 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



Primary Voltage	Ratio	Style Number
7200/12470GY	60:1	E-7525A91G05
7620/13200GY	63.5:1	E-7525A91G06
8400/14560GY	70:1	E-7525A91G07

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3W, X, M, Y, Z	15.89	12.86	14.04	70
0.3W, X, M, Y, Z	15.89	12.86	14.04	70
0.3W, X, M, Y, Z	15.89	12.86	14.04	70

Contact factory for additional designs.

Contact factory for 50 Hz designs.

Courtesy of store.ips.us

TYPES VIL-12 and VIL-12S

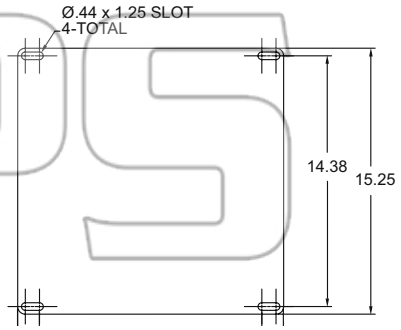
Indoor
125 kV BIL
60 Hertz

Thermal Rating:

VIL-12:	**VIL-12S:**
1500 VA at 30°C	1000 VA at 30°C
1000 VA at 55°C	500 VA at 55°C

UL Recognized Component

Mounting base dimensions (in)



	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE VIL-12 **(junction box)**	7200/12470Y	923A362G01	60:1	0.3Z	16.00	15.25	17.75	210
	7620/13200Y	923A362G02	63.5:1	0.3Z	16.00	15.25	17.75	210
	8400/14560Y	923A362G03	70:1	0.3Z	16.00	15.25	17.75	210
	12000/20780Y	923A362G04	100:1	0.3Z	16.00	15.25	17.75	210
	14400/24940Y	923A362G05	120:1	0.3Z	16.00	15.25	17.75	210
	18000/18000Y	923A362G06	150:1	0.3Z	16.00	15.25	17.75	210
	24000/24000Y	923A362G07	200:1	0.3Z	16.00	15.25	17.75	210

	Primary Voltage	Style Number	Ratio	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE VIL-12S **(cable leads)**	7200/12470Y	923A363G01	60:1	0.3Y	16.00	15.25	15.25	210
	7620/13200Y	923A363G02	63.5:1	0.3Y	16.00	15.25	15.25	210
	8400/14560Y	923A363G03	70:1	0.3Y	16.00	15.25	15.25	210
	12000/20780Y	923A363G04	100:1	0.3Y	16.00	15.25	15.25	210
	14400/24940Y	923A363G05	120:1	0.3Y	16.00	15.25	15.25	210
	18000/18000Y	923A363G06	150:1	0.3Y	16.00	15.25	15.25	210
	24000/24000Y	923A363G07	200:1	0.3Y	16.00	15.25	15.25	210

Contact factory for 50 Hz designs.

store.ips.us

Courtesy of store.ips.us

1VAP429762-DB

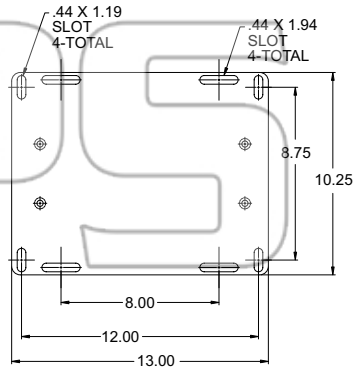
TYPE VIZ-12

Indoor
125 kV BIL
60 Hertz
Unfused

Thermal Rating:
2000 VA @ 30°C ambient
1500 VA @ 55°C ambient
Unfused

IEEE Metering Accuracy:
0.3W, X, M, Y, Z & 1.2 ZZ

Mounting base dimensions (in)



Fuse kit: Style # 9628A05G72 (for remote mounting)
Contains two CLE-PT fuses-0.5, 25.5 kV (style # 50C5225G04) and hardware)

Primary Voltage	Winding Ratio	Style Number
18000/18000Y	150:1	9628A33G01
21000/21000Y	175:1	9628A33G02
24000/24000Y	200:1	9628A33G03

Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
1.1	10.50	10.25	13.0	110
1.1	10.50	10.25	13.0	110
1.1	10.50	10.25	13.0	110

store.ips.us

1VAP429762-DB

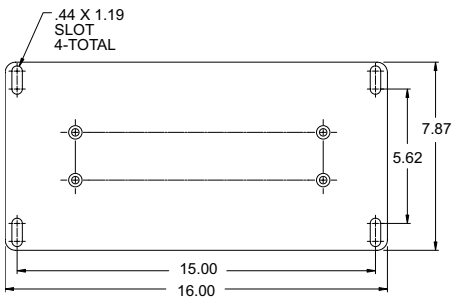
TYPE VIZ-12G

Indoor
125 kV BIL
60 Hertz

Thermal Rating:
1500 VA @ 30°C Ambient
750 VA @ 55°C Ambient

IEEE Metering Accuracy:
0.3W, X, M, Y, & Z

Mounting base dimensions (in)



Fuse kit: Style # 9628A05G68 to convert unfused VIZ-12G to fused style
Contains one CLE-PT fuse-0.5, 25.5 kV (style # 50C5225G04) and hardware

	Primary Voltage	Winding Ratio	Style Number	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE VIZ-12G **Unfused**	12000/20780GY	100:1	7881A72G01	1.25	12.13	8.0	16.0	102
	14400/24940GY	120:1	7881A72G02	1.25	12.13	8.0	16.0	102
	16000/27600GY	133.33:1	7881A72G03	1.25	12.13	8.0	16.0	102
	18000/18000GY	150:1	7881A72G04	1.1	12.13	8.0	16.0	102
TYPE VIZ-12G **Fused**	12000/20780GY	100:1	7881A64G01	1.25	14.88	8.0	19.0	105
	14400/24940GY	120:1	7881A64G02	1.25	14.88	8.0	19.0	105

Contact factory for 50 Hz designs.

Courtesy of store.ips.us

TYPE VIZ-15

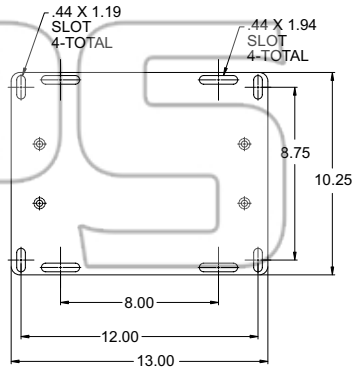
1VAP429761-DB

Indoor
150 kV BIL
60 Hertz
Unfused

Thermal Rating:
2000 VA @ 30°C ambient
1500 VA @ 55°C ambient

IEEE Metering Accuracy:
0.3W, X, M, Y, Z & 1.2 ZZ

Mounting base dimensions (in)



Fuse kit: Style # 9628A05G86 (for remote mounting)
Contains two CLE-PT fuses-0.5, 25.5 kV (style # 50C5225G04) and hardware

Primary Voltage	Winding Ratio	Style Number
24940/24940Y	207.83:1	9628A34G03
24000/24000Y	200:1	9628A34G05

Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
1.1	12.10	10.25	13.0	120
1.1	12.10	10.25	13.0	120

store.ips.us

TYPE VIZ-15G

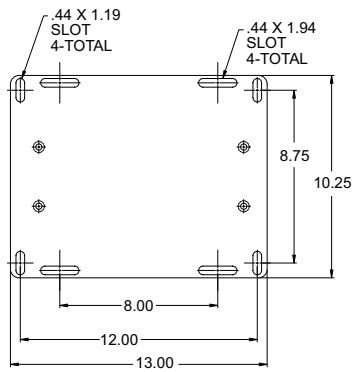
1VAP429761-DB

Indoor
150 kV BIL
60 Hertz

Thermal Rating:
2000 VA @ 30°C Ambient
1500 VA @ 55°C Ambient

IEEE Metering Accuracy:
0.3W, X, M, Y, and Z

Mounting base dimensions (in)



Fuse kit: style # 9628A05G89 to convert unfused VIZ-15G to fused style
Contains one CLE-PT fuse-0.5, 25.5 kV (style # 50C5225G04) and hardware

	Primary Voltage	Winding Ratio	Style Number	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE VIZ-15G **Unfused**	12000/20780GY	100:1	9629A81G01	1.1	12.10	10.25	13.57	120
	14400/24940GY	120:1	9629A81G02	1.1	12.10	10.25	13.57	120
	19920/34500GY	166:1	9629A81G03	1.1	12.10	10.25	13.57	120
	24000/24000GY	200:1	9629A81G04	1.1	12.10	10.25	13.57	120
TYPE VIZ-15G **Fused**	12000/20780GY	100:1	9629A82G01	1.1	14.82	10.25	17.9	122
	14400/24940GY	120:1	9629A82G02	1.1	14.82	10.25	17.9	122
	16100/27900GY	140:1	9629A82G03	1.1	14.82	10.25	17.9	122
	24000/24000GY	200:1	9629A82G04	1.1	14.82	10.25	17.9	122

Contact factory for 50 Hz designs.

Courtesy of store.ips.us

TYPES VIZZ-15 and VIZZ-15G

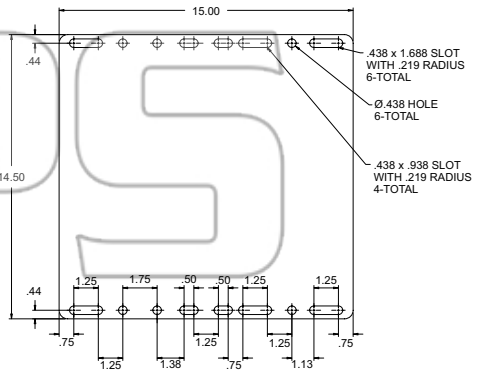
Indoor/outdoor
150 kV BIL
60 Hertz

Available at other ratios and single tapped secondary or double secondary

IEEE Metering Accuracy:
0.3W, X, M, Y, Z and ZZ
(except where noted*)

Consult factory if replacement for PT-25 is desired

Mounting base dimensions (in)



	Primary Voltage	Winding Ratio	Style Number	Thermal Rating	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZZ-15 Two bushings Stud terminal Single secondary	12000/20800Y	100:1	7525A81G01	3000	1.1	22.3	16	18.6	205
	14400/24940Y	120:1	7525A81G02	3000	1.1	22.3	16	18.6	205
	15600/15600Y	130:1	7525A81G12	3000	1.1	22.3	16	18.6	205
	18000/18000Y	150:1	7525A81G03	3000	1.1	22.3	16	18.6	205
	20000/20000Y	166.67:1	7525A81G05	3000	1.1	22.3	16	18.6	205
	24000/24000Y	200:1	7525A81G04	3000	1.1	22.3	16	18.6	205
VIZZ-15 Two bushings Stud terminal Double secondary	12000/20800Y	100 & 100:1	7526A47G02	3000	1.1	22.3	16	18.6	205
	14400/24940Y	120 & 120:1	7526A47G03	3000	1.1	22.3	16	18.6	205
	18000/18000Y	150 & 150:1	7526A47G04	3000	1.1	22.3	16	18.6	205
	24000/24000Y	200 & 200:1	7526A47G05	3000	1.1	22.3	16	18.6	205
VIZZ-15 Two bushings Clamp terminal Single secondary	12000/20800Y	100:1	7525A82G01	3000	1.1	22.3	16	18.6	205
	14400/24940Y	120:1	7525A82G02	3000	1.1	22.3	16	18.6	205
	18000/18000Y	150:1	7525A82G03	3000	1.1	22.3	16	18.6	205
	24000/24000Y	200:1	7525A82G04	3000	1.1	22.3	16	18.6	205
VIZZ-15G One bushing Stud terminal Single secondary	12000/20800GY	100:1	7525A83G01	3000	1.1	22.3	15.6	18.6	205
	14400/24940GY	120:1	7525A83G02	3000	1.1	22.3	15.6	18.6	205
	20000/20000GY	166.67:1	7525A83G04	3000	1.1	22.3	15.6	18.6	205
	22000/22000GY	183.3:1	7525A83G06	3000	1.1	22.3	15.6	18.6	205
VIZZ-15G One bushing Stud terminal Double secondary	11500/20000GY	166.67&166.67:1	7883A29G03*	1000	1.2	22.3	15.6	18.6	205
	13800/23900GY	200 & 200:1	7883A29G02*	2000	1.9	22.3	15.6	18.6	205
	16800/29100GY	140 & 240:1	7883A29G01*	3000	1.9	22.3	15.6	18.6	205
VIZZ-15G One bushing Clamp terminal Single secondary	12000/20800GY	100:1	7525A84G01	3000	1.1	22.3	15.6	18.6	205
	14400/24940GY	120:1	7525A84G02	3000	1.1	22.3	15.6	18.6	205
	18000/18000GY	150:1	7525A84G05	3000	1.1	22.3	15.6	18.6	205
	20000/20000GY	166.67:1	7525A84G03	3000	1.1	22.3	15.6	18.6	205
	24000/24000GY	200:1	7525A84G04	3000	1.1	22.3	15.6	18.6	205

* IEEE metering accuracy: 0.3W, X, M, Y, Z

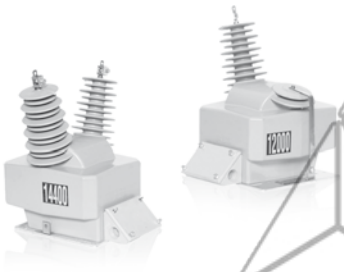
Contact factory for 50 Hz designs.

store.ips.us

Courtesy of store.ips.us

TYPES VOY-15 and VOY-15G

1VAP429701-DB



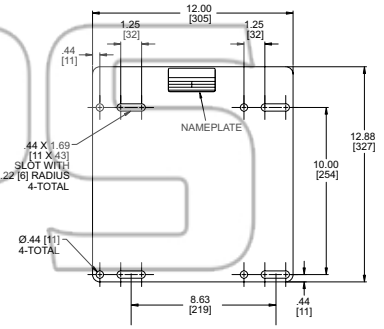
Outdoor
150 kV BIL
60 Hertz

Thermal Rating:
1000 VA @ 30°C Ambient

Creep:
VOY-15: 38.0" (965 mm)
VOY-15G: 33.6" (853 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



	Primary Voltage	Ratio	Style Number	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VOY-15	12000/20780Y	100:1	E-7526A62G01	0.3W, X, M, Y	19.00	15.97	16.94	125
	14400/24940Y	120:1	E-7526A62G02	0.3W, X, M, Y	19.00	15.97	16.94	125
	18000/18000Y	150:1	E-7526A62G03	0.3W, X, M, Y	19.00	15.97	16.94	125
	20000/20000Y	166.7:1	E-7526A62G04	0.3W, X, M, Y	19.00	15.97	16.94	125
	24000/24000Y	200:1	E-7526A62G05	0.3W, X, M, Y	19.00	15.97	16.94	125
VOY-15G	12000/20780GY	100:1	E-7526A63G01	0.3W, X, M, Y	19.00	15.41	16.94	120
	14400/24940GY	120:1	E-7526A63G02	0.3W, X, M, Y	19.00	15.41	16.94	120

store.ips.us

TYPES VOZ-15 and VOZ-15E

1VAP429711-DB

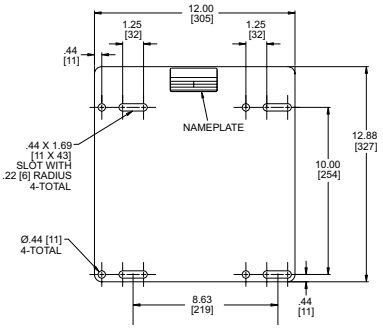
Outdoor
150 kV BIL
60 Hertz

Thermal Rating:
2000 VA @ 30°C Ambient

Creep:
38.0" (965 mm)

Contact factory for 50 Hz designs.

Mounting base dimensions (in. [mm])



	Primary Voltage	Ratio	Style Number	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VOZ-15	12000/20780Y	100:1	E-7525A90G01	0.3W, X, M, Y, Z	19.00	15.97	16.94	125
	14400/24940Y	120:1	E-7525A90G02	0.3W, X, M, Y, Z	19.00	15.97	16.94	125
	18000/18000Y	150:1	E-7525A90G03	0.3W, X, M, Y, Z	19.00	15.97	16.94	125
	24000/24000Y	200:1	E-7525A90G04	0.3W, X, M, Y, Z	19.00	15.97	16.94	125
VOZ-15E **Special high accuracy** (Only available in polyurethane)	12000/20780Y	100:1	923A398G01	0.15W, X, Y	19.00	15.87	16.94	125
	14400/24940Y	120:1	923A398G02	0.15W, X, Y	19.00	15.87	16.94	125
	18000/18000Y	150:1	923A398G03	0.15W, X, Y	19.00	15.87	16.94	125
	24000/24000Y	200:1	923A398G04	0.15W, X, Y	19.00	15.87	16.94	125

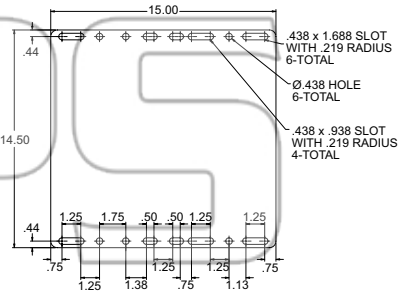
Courtesy of store.ips.us

TYPES VOZZ-15 and VOZZ-15G

Outdoor
150 kV BIL
60 Hertz

Available with double secondaries and tapped double secondaries.

Mounting base dimensions (in)



	Primary Voltage	Ratio	Style Number[1]	Thermal VA	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VOZZ-15 **Two bushings**	12000/20800Y	100:1	7525A93G01	3000	0.3W, X, M, Y, Z, ZZ	23.0	16.1	17.6	205
	14400/24940Y	120:1	7525A93G02	3000	0.3W, X, M, Y, Z, ZZ	23.0	16.1	17.6	205
	18000/18000Y	150:1	7525A93G03	3000	0.3W, X, M, Y, Z, ZZ	23.0	16.1	17.6	205
	24000/24000Y	200:1	7525A93G04	3000	0.3W, X, M, Y, Z, ZZ	23.0	16.1	17.6	205
	21000/21000Y	175:1	7525A93G12	3000	0.3W, X, M, Y, Z, ZZ	23.0	16.1	17.6	205
	19920/19920Y	166:1	7525A93G13	3000	0.3W, X, M, Y, Z, ZZ	23.0	16.1	17.6	205

store.ips.us

	Primary Voltage	Ratio	Style Number[1]	Thermal VA	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VOZZ-15G **One bushing**	12000/20800GY	100:1	7525A98G01	3000	0.3W, X, M, Y, Z, ZZ	23.0	15.6	17.6	202
	14400/24940GY	120:1	7525A98G02	3000	0.3W, X, M, Y, Z, ZZ	23.0	15.6	17.6	202
	13200/22860GY	110:1	7525A98G03	3000	0.3W, X, M, Y, Z, ZZ	23.0	15.6	17.6	202
	14400/24940GY	120:1	7525A98G04	1200	0.3W, X, M, Y, Z, Z	23.0	15.6	17.6	202
	7200/12470GY	60:1	7525A98G05	3000	0.3W, X, M, Y, Z, ZZ	23.0	15.6	17.6	202
	8000/13860GY	66.67:1	7525A98G06	3000	0.3W, X, M, Y, Z, ZZ	23.0	15.6	17.6	202
	24000/24000GY	200:1	7525A98G07	3000	0.3W, X, M, Y, Z, ZZ	23.0	15.6	17.6	202
	12000/20800GY	100:1	7525A98G08	1000	0.3W, X, M, Y, Z, ZZ	23.0	15.6	17.6	202

[1]Style includes clamp type primary terminals. Stud type available for spade terminals.

Courtesy of store.ips.us

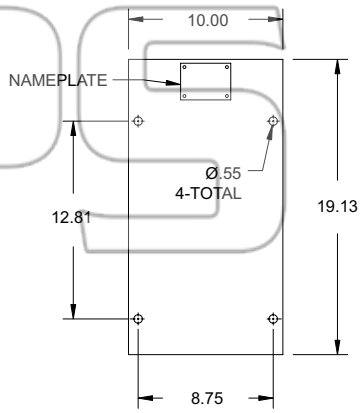
TYPES VIZ-20 and VIZ-20G

Indoor
200 kV BIL
60 Hertz

Thermal Rating:
1000 VA @ 30°C Ambient
750 VA @ 55°C Ambient

IEEE Metering Accuracy:
0.3W, X, M, Y, Z and ZZ

Mounting base dimensions (in)



Fuse kit: Style # 9628A05G90 (to convert unfused VIZ-20 to fused style)
Contains two CLE-PT fuses (0.5, 38 kV, style # 50C5225G05) and hardware

Fuse kit: Style # 9628A05G83 (to convert unfused VIZ-20G to fused style)
Contains one CLE-PT fuse (0.5, 38 kV style # 50C5225G05) and hardware

	Primary Voltage	Winding Ratio	Style Number	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-20 **Unfused**	20125/34500Y	175:1	7883A60G03	1.1	16.5	16.26	19.13	161
	27600/27600Y	240:1	7883A60G02	1.1	16.5	16.26	19.13	161
	34500/34500Y	300:1	7883A60G01	1.1	16.5	16.26	19.13	161

store.ips.us

	Primary Voltage	Winding Ratio	Style Number	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-20 **Fused**	20125/34500Y	175:1	7883A40G03	1.1	16.5	16.26	19.13	165
	27600/27600Y	240:1	7883A40G02	1.1	16.5	16.26	19.13	165
	34500/34500Y	300:1	7883A40G01	1.1	16.5	16.26	19.13	165

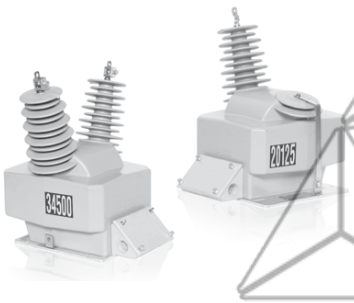
	Primary Voltage	Winding Ratio	Style Number	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-20G **Unfused**	20125/34500GY	175:1	7883A61G01	1.4	16.5	10.0	19.13	148
	34500/34500GY	300:1	7883A61G02	1.1	16.5	10.0	19.13	148
	19942/34500GY	289:1	7883A61G04	1.1	16.5	10.0	19.13	148
	16100/27900GY	240:1	7883A61G05	1.4	16.5	10.0	19.13	148

	Primary Voltage	Winding Ratio	Style Number	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VIZ-20G **Fused**	20125/34500GY	175:1	7883A41G01	1.4	16.5	10.0	19.13	150
	34500/34500GY	300:1	7883A41G02	1.1	16.5	10.0	19.13	150
	24000/24000GY	200:1	7883A41G05	1.4	16.5	10.0	19.13	150
	25000/25000GY	208.33:1	7883A41G06	1.1	16.5	10.0	19.13	150
	26400/26400GY	220:1	7883A41G07	1.1	16.5	10.0	19.13	150
	24900/24900GY	207.5:1	7883A41G08	1.1	16.5	10.0	19.13	150
	28800/28800GY	240:1	7883A41G09	1.1	16.5	10.0	19.13	150
	27600/27600GY	240:1	7883A41G10	1.1	16.5	10.0	19.13	150

Contact factory for 50 Hz designs.

Courtesy of store.ips.us

TYPES VOY-20 and VOY-20G



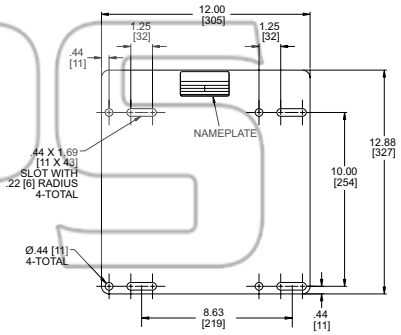
Outdoor
200 kV BIL
60 Hertz

Thermal Rating:
1000 VA @ 30°C Ambient

Creep:
VOY-20: 38.0" (965 mm)
VOY-20G: 33.6" (853 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



	Primary Voltage	Ratio	Style Number	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE VOY-20	27600/27600Y	240:1	E-7881A82G03	0.3 W, X, M, Y	19.0	15.97	16.94	125
	34500/34500Y	275:1	E-7881A82G04	0.3 W, X, M, Y	19.0	15.97	16.94	125

	Primary Voltage	Ratio	Style Number	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE VOY-20G	20125/34500GY	175/300:1	E-7526A55G01	0.3 W, X, M, Y	19.0	15.41	16.93	120
	20125/34500GY	175:1	E-9629A74G01	0.3 W, X, M, Y	19.0	15.41	16.93	120

Contact factory for 50 Hz designs.

store.ips.us

Courtesy of store.ips.us

TYPE VOZ-20

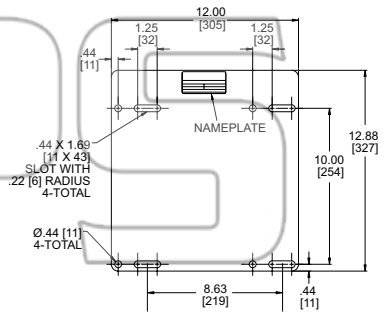
Outdoor
200 kV BIL
60 Hertz

Thermal rating:
2000 VA @ 30°C Ambient

Creep:
38.0" (965 mm)

Note: These units encapsulated with HCEP material; also available with polyurethane.

Mounting base dimensions (in. [mm])



Primary Voltage	Ratio	Style Number
20125/34500Y	175/300:1	E-7525A92G01
27600/27600Y	240/400:1	E-7525A92G02
34500/34500Y	300/500:1	E-7525A92G03
20125/34500Y	175:1	E-7526A33G05

Contact factory for 50 Hz designs.

IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
0.3 W, X, M, Y, Z	19.0	15.97	16.94	125
0.3 W, X, M, Y, Z	19.0	15.97	16.94	125
0.3 W, X, M, Y, Z	19.0	15.97	16.94	125
0.3 W, X, M, Y, Z	19.0	15.97	16.94	125

store.ips.us

Courtesy of store.ips.us

TYPES VOHD-200 & VOHD-200G

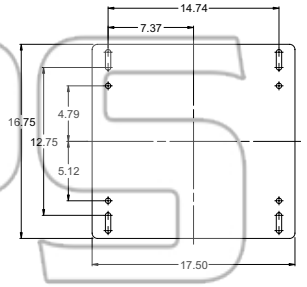
42-977

Outdoor
200 kV BIL
60 Hertz

Thermal Rating:
1000 VA @ 30°C Ambient

Creep:
VOHD-200: 37.5" (953 mm)
VOHD-200G: 37.75" (959 mm)

Mounting base dimensions (in)



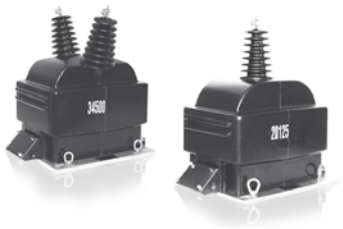
	Primary Voltage	Ratio	Style Number[1]	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VOHD-200 **Two bushings**	20125/34500Y	175/300:1	7882A31G01	0.3W, X, M, Y Full and Tap	22.6	18.9	20.0	255
	27600/27600Y	240/400:1	7882A31G02	0.3W, X, M, Y Full and Tap	22.6	18.9	20.0	255
	34500/34500Y	300/500:1	7882A31G03	0.3W, X, M, Y Full and Tap	22.6	18.9	20.0	255
VOHD-200G **One bushing**	20125/34500GY	175/300:1	9629A95G01	0.3W, X, M, Y Full and Tap	23.3	16.1	20.0	245

[1] Style includes clamp type primary terminals. Stud type available for spade terminals.

store.ips.us

TYPES VOZZ-20 and VOZZ-20G

1VAP429791-DB



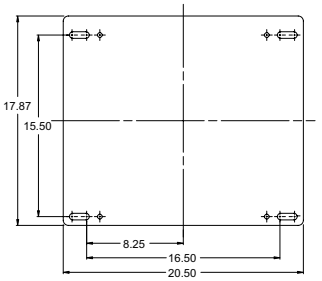
Tapped and single secondaries available.

Outdoor
200 kV BIL
60 Hertz

Thermal Rating:
3000 VA @ 30°C Ambient

Creep:
VOZZ-20: 41.0" (1041 mm)
VOZZ-20G: 41.875" (1063 mm)

Mounting base dimensions (in)



	Primary Voltage	Ratio	Style Number[1]	IEEE Metering Accuracy	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
VOZZ-20 **Two bushings**	27600/27600Y	240 & 240:1	9629A96G02	0.3W, X, M, Y, Z, ZZ	26.13	18.1	24.3	380
	34500/34500Y	300 & 300:1	9629A96G01	0.3W, X, M, Y, Z, ZZ	26.13	18.1	24.3	380
VOZZ-20G **One bushing**	20125/34500GY	175/300:1 & 175/300:1	9629A97G01	0.3W, X, M, Y, Z, ZZ	27.54	17.0	24.3	380
	20125/34500GY	175/300:1	7882A42G01	0.3W, X, M, Y, Z, ZZ	27.54	17.0	24.3	380

[1] Style includes clamp type primary terminals. Stud type available for spade terminals.

Contact factory for 50 Hz designs.

Courtesy of store.ips.us

1VAP429992-DB

TYPE CVC-110ER

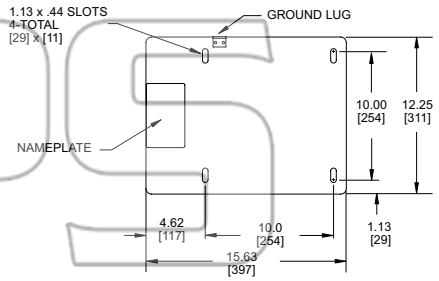
Outdoor, 110 kV BIL
60 Hertz

Extended Range
(0.15% accuracy from 1% of I_{nom} thru rating factor)

VT Thermal Rating: 750 VA
Creep: 26.0" (660 mm)

Note: Encapsulated in polyurethane

Mounting base dimensions (in. [mm])



Current Transformer

Style Number	Ratio	Rating Factor @ 30°C	Accuracy	One sec. thermal/ mechanical rating
923A428G01	200:5	3.0	0.15B-0.5	190/270
923A428G02	200:5	1.5	0.15B-1.8	150/215
923A428G03	1000:5	1.5	0.15B-1.8	150/215
923A428G04	200:5	3.0	0.15B-0.5	190/270
923A428G05	200:5	1.5	0.15B-1.8	150/215
923A428G06	1000:5	1.5	0.15B-1.8	150/215
923A428G07	200:5	3.0	0.15B-0.5	190/270
923A428G08	200:5	1.5	0.15B-1.8	150/215
923A428G09	1000:5	1.5	0.15B-1.8	150/215

Voltage Transformer

Ratio	Accuracy	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
60:1	0.3Y	1.9	23.34	16.64	15.63	164
60:1	0.3Y	1.9	23.34	16.64	15.63	164
60:1	0.3Y	1.9	23.34	16.64	15.63	164
63.5:1	0.3Y	1.9	23.34	16.64	15.63	164
63.5:1	0.3Y	1.9	23.34	16.64	15.63	164
63.5:1	0.3Y	1.9	23.34	16.64	15.63	164
70:1	0.3Y	1.9	23.34	16.64	15.63	164
70:1	0.3Y	1.9	23.34	16.64	15.63	164
70:1	0.3Y	1.9	23.34	16.64	15.63	164

store.ips.us

1VAP429993-DB

TYPE CVC-110ER

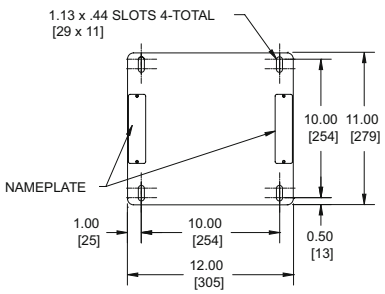
Outdoor, 110 kV BIL
60 Hertz

Extended Range
(0.15% accuracy from 1% of I_{nom} thru rating factor)

VT Thermal Rating: 500 VA
Creep: 28.1" (715 mm)

Note: Encapsulated in HCEP

Mounting base dimensions (in. [mm])



Current Transformer

Style Number	Ratio	Rating Factor @ 30°C	Accuracy	One sec. thermal/ mechanical rating
E-923A464G01	200:5	3.0	0.15B-0.5	190/270
E-923A464G02	200:5	1.5	0.15B-1.8	150/215
E-923A464G03	1000:5	1.5	0.15B-1.8	150/215
E-923A464G04	200:5	3.0	0.15B-0.5	190/270
E-923A464G05	200:5	1.5	0.15B-1.8	150/215
E-923A464G06	1000:5	1.5	0.15B-1.8	150/215
E-923A464G07	200:5	3.0	0.15B-0.5	190/270
E-923A464G08	200:5	1.5	0.15B-1.8	150/215
E-923A464G09	1000:5	1.5	0.15B-1.8	150/215

Contact factory for 50 Hz designs.

Voltage Transformer

Ratio	Accuracy	Rated Voltage Factor	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
7200/12470GY to 120	0.3Y	1.2	21.5	12.0	14.42	90
7200/12470GY to 120	0.3Y	1.2	21.5	12.0	14.42	90
7200/12470GY to 120	0.3Y	1.2	21.5	12.0	14.42	90
7620/13200GY to 120	0.3Y	1.2	21.5	12.0	14.42	90
7620/13200GY to 120	0.3Y	1.2	21.5	12.0	14.42	90
7620/13200GY to 120	0.3Y	1.2	21.5	12.0	14.42	90
8400/14560GY to 120	0.3Y	1.2	21.5	12.0	14.42	90
8400/14560GY to 120	0.3Y	1.2	21.5	12.0	14.42	90
8400/14560GY to 120	0.3Y	1.2	21.5	12.0	14.42	90

Courtesy of store.ips.us

1VAP429991-DB

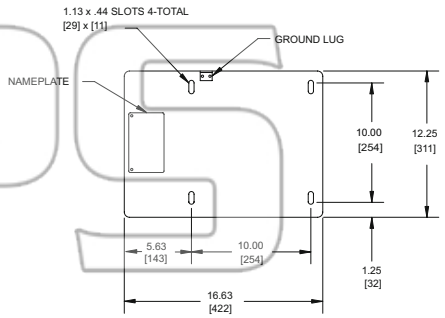
TYPE CVC-150

Outdoor
150 kV BIL
60 Hertz

VT Thermal Rating:
400/750 VA

Creep:
47.5" (1209 mm)

Mounting base dimensions (in. [mm])



Current Transformer

Style Number	Ratio	Rating Factor @ 30°C	Accuracy C1-C3	Accuracy C2-C3	Mechanical Rating
7883A71G01	10/20	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140
7883A71G02	25/50	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140
7883A71G03	50/100	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140
7883A71G04	75/150	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140
7883A71G05	100/200	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140
7883A71G06	150/300	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140
7883A71G07	200/400	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140
7883A71G08	300/600	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140
7883A71G09	400/800	3.0/1.5	0.3B-2.0	0.3B-0.9	270/140

Contact factory for 50 Hz designs.

Voltage Transformer

Ratio	Accuracy V1-V3	Accuracy V2-V3	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225
60/120:1	0.3X	0.3Y	27.5	16.63	16.63	225

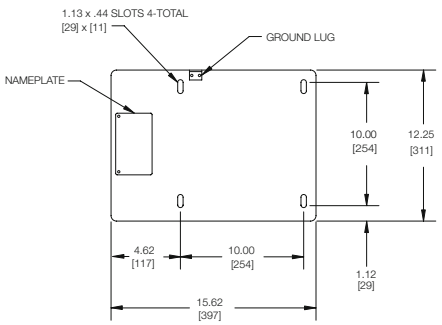
store.ips.us

1VAP429996-DB

TYPE CVC-200

Outdoor
200 kV BIL
50/60 Hertz

VT Thermal Rating:
750 VA
Creep:
38.7" (983) mm)



Current Transformer

Style Number	Frequency (Hz)	Ratio	Rating Factor @ 30°C	Accuracy C1-C2
923A512G01	60	200:5	1.5	0.15B-1.8
923A512G02	60	200:5	1.5	0.15B-1.8
923A512G03	60	400:5	2.0	0.3B-1.8
923A512G04	60	300:5	3.0	0.3B-1.8
923A512G05	60	200:5	1.5	0.15B-1.8
923A512G06	60	600:5	1.5	0.15B-1.8
923A459G01	50	150/300:1	1.5	10 VA, CL 0.2
923A459G02	50	150/300:1	1.5	10 VA, CL 0.2
923A459G03	50	150/300:1	1.5	10 VA, CL 0.2
923A459G04	50	150/300:1	1.5	10 VA, CL 0.2
923A459G05	50	200/400:1	2.0	10 VA, CL 0.5

Voltage Transformer

Ratio	RVF	Accuracy V1-V2	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
20125/34500GY to 115	1.9	0.3Y	31.0	15.62	16.64	274
20125/34500GY to 115/67.08	1.9	0.3Y/0.3Y	31.0	15.62	16.64	274
20125/34500GY to 115	1.9	0.3Y	31.0	15.62	16.64	274
20125/34500GY to 115	1.9	0.3Y	31.0	15.62	16.64	274
19053/33000GY to 120	1.9	0.3Y	31.0	15.62	16.64	274
20125/34500GY to 120	1.9	0.3Y	31.0	15.62	16.64	274
19050/33000 GY to 63.5	1.9	10VA,CL 0.2	31.0	15.62	16.64	274
19050/33000 GY to 63.5	1.9	10VA,CL 0.2	31.0	15.62	16.64	274
17320/30000 GY to 63.5	1.9	10VA,CL 0.2	31.0	15.62	16.64	274
19050/33000 GY to 69.3	1.9	10VA,CL 0.2	31.0	15.62	16.64	274
19053/33000 GY to 110	1.2	15VA,CL 0.5	31.0	15.62	16.64	274

Courtesy of store.ips.us

TYPE A Current Balancing Auto

42-852

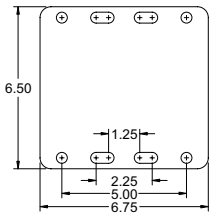
Indoor test voltage: 2500 volts
25-60 Hertz
Type A transformers provide a large number of fine ratio adjustment taps for establishing an exact current ratio balance between the CTs on the input and output sides of power transformers.

Dimensions and weights

	50 VA	100 VA
Height	7.00	7.00
Width	6.50	6.50
Length	6.75	7.75
Weight	20.00	24.00

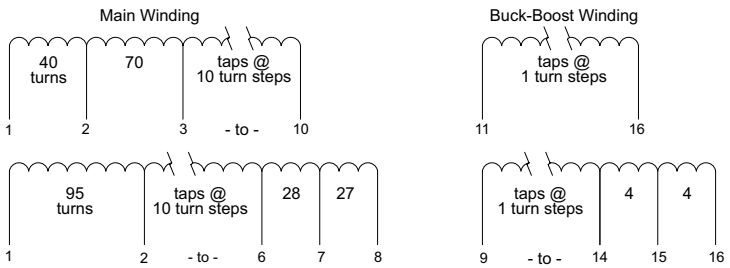
Stated VA are applicable for 60 Hz

Mounting base dimensions



Volt-Ampere Rating	Style Number	Ratio Adjustment Range
50	7881A17G01	from 10.8:5 to 5:5 Amps
100	7881A17G02	from 10.8:5 to 5:5 Amps

Winding Development

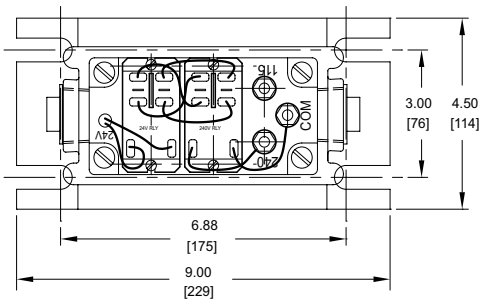


store.ips.us

TYPE FSR-983

1VAP701061-DB

600 Volts
Outdoor
10 kV BIL
60 Hertz
Saturable reactor



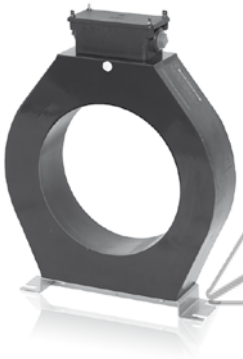
Application Voltage	Style Number	DC resistance (Ohms)
115	469-0649-951	0.5
120	469-0649-952	0.5
240	469-0649-953	1.0
115/240	469-0649-954	0.5/1.0
120/240	469-0649-955	0.5/1.0

Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
13.5	9.38	4.63	55
13.5	9.38	4.63	55
13.5	9.38	4.63	55
13.5	9.38	4.63	55
13.5	9.38	4.63	55

Courtesy of store.ips.us

TYPE PSH-993

1VAP701071-DB



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

IPS

Digits 1-3
(Fixed)

PSH-993
18" fixed O.D

Digits 6-7
Height

22 = 2.25"	52 = 5.25"
25 = 2.50"	55 = 5.50"
37 = 3.75"	57 = 5.75"
40 = 4.00"	85 = 8.50"
42 = 4.25"	87 = 8.75"

PSH | | | |

Digits 4-5
ID

05 = 5.0"	10 = 10.0"
06 = 6.0"	11 = 11.0"
07 = 7.0"	12 = 12.0"
08 = 8.0"	14 = 14.0"
09 = 9.0"	

Digit 8
Winding type

S = Single ratio (SR)
D = Dual ratio (DR)
M = Multi ratio (MR)
C = SR, dual ratio
A = DR, dual core
B = MR, dual core
E = SR, 0.15 metering accy
F = DR, 0.15 metering accy
G = Shielded winding
H = Non-shielded GCT

Digits 9-11
Ratio

500 = 50	102 = 1000
750 = 75	122 = 1200
101 = 100	103 = 10000
151 = 150	123 = 12000
201 = 200	

Digits 13-14
Accuracy

Relaying:	Metering (0.3 type)	Non-5A secondary:
02 = C25	01 = B-0.1	01 = 2.5 VA
05 = C50	02 = B-0.2	02 = 5 VA
10 = C100	05 = B-0.5	05 = 12.5 VA
20 = C200	09 = B-0.9	10 = 25 VA
40 = C400	18 = B-1.8	20 = 50VA
80 = C800		

store.ips.us

Digit 12
Secondary
5 = 5 A, xxx:5
1 = 1 A, xxx:1

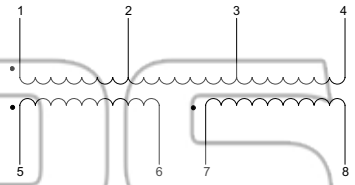
Digit 15
Options code (assigned by Engr.)

0 = Std, 60 Hz
1 = With base, body may extend beyond base
2 = Without baseplate, 4" and 5.5" only
5 = Std., 50/60 Hz
9 = Relay with metering, eg., C400/0.3B-1.8
T = With conduit box
G = G.E. spec, 50/60 Hz, IEC/IEEE

Courtesy of store.ips.us

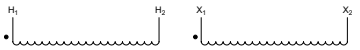
Auxiliary

Indoor
Test voltage: 1200 volts
25-60 Hertz



Two-part winding

Multi-ratio winding development
Tapped winding



Single ratio winding development

Multi-ratio Auxiliary

Style Number	Ratio	Relay Accuracy*	IEEE Metering Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
7881A02G01	3,4,5:0.5-1	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A02G02	3,4,5:2-4	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A02G03	6,8,10:0.5-1	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A02G04	6,8,10:0.5-1	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A02G05	6,8,10:1-2	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A02G06	6,8,10:4-8	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A02G07	4,4.62,4.8:4-8	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A03G01	4,5.33,6.4:16-32	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A03G02	3,4,5:10-20	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A03G03	3,4,5:5-10	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23
7881A03G04	3,4,5:1-2	T50	0.3B-0.5, 0.6B-1.8	7.0	5.5	8.50	23

Single-ratio Auxiliary

Style Number	Ratio	Relay Accuracy*	IEEE Metering Accuracy*	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
7881A01G01	5:5	T50	0.3B-0.5, 0.6B-1.8	6.37	5.75	7.75	23
7881A01G02	10:5	T50	0.3B-0.5, 0.6B-1.8	6.37	5.75	7.75	23
7881A01G03	15:5	T50	0.3B-0.5, 0.6B-1.8	6.37	5.75	7.75	23

Contact the factory for additional styles.

* Stated accuracies are applicable for 60 Hz.

Courtesy of store.ips.us

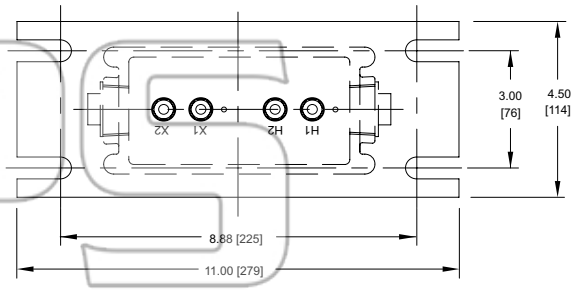
TYPE ACT-983

1VAP701111-DB

600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Thermal rise:
55°C @ 30°C ambient

Mounting base dimensions (in. [mm])



Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
13.5	9.38	4.63	Varies

When ordering ACT Auxiliary CTs, include the following information:
- Current ratio: _____ (primary:secondary, i.e. 5:3.33
- Type of circuit: _____ (i.e., primary or secondary)
- Accuracy and burden requirements, for example
  Metering: _____ (0.3B-0.1 through B-1.8)
  Relaying: _____ (C100, C200, C400, or C800 or other)
  If IEC ratings, list class and burden _____ (e.g. class 0.2-20 VA, 5P20-40VA)
- Continuous rating factor: _____ (std. is RF=1.5)
- Frequency: _____ (std is 60 Hz)
- OPTIONAL - Conduit box hub size: _____ (std is 1" NPT)

Note: Units are custom manufactured to customer specifications. Contact factory to discuss other options.

store.ips.us

Courtesy of store.ips.us

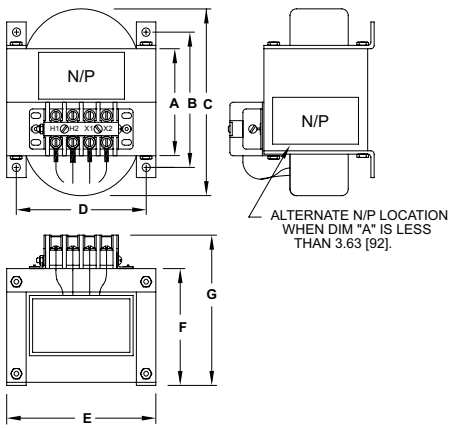
TYPE ACT-633/645

600 Volts
Indoor
10 kV BIL
60 Hertz

IPS
store.ips.us

	Style Number	Ratio	Relay Accuracy	Rating Factor	Dim A	Dim C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE ACT-633	A1400710-570	5:1	T100	1.5	4.0	5.9	5.63	5.75	5.9	23
	A1431220-570	6:1	T100	1.5	2.0	4.2	5.63	5.75	4.2	14
	A1403310-570	7.25:5	T100	1.5	4.0	6.6	5.63	5.75	6.6	25
	A1400810-570	8:1	T100	1.5	3.0	4.9	5.63	5.75	4.9	19
	A1403810-570	9.09:5	T100	1.5	4.0	6.6	5.63	5.75	6.6	26
	A1400910-570	10:1	T100	1.5	3.0	5.4	5.63	5.75	5.4	21
	A1410010-570	11.6:5	T100	1.5	4.0	6.5	5.63	5.75	6.5	23
	A1404010-570	12:5	T100	1.5	4.0	6.4	5.63	5.75	6.4	24
	A1422510-570	13.33:1	T100	1.5	3.5	6.0	5.63	5.75	6.0	20
	A1412210-570	14:5	T100	1.5	5.0	7.4	5.63	5.75	7.4	28

	Style Number	Ratio	Relay Accuracy	Rating Factor	Dim A	Dim C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE ACT-645	A1509840-570	5:1	T400	1.5	2.5	5.4	7.75	7.5	5.4	31
	A1507140-570	6:2	T400	1.5	4.0	7.2	7.75	7.5	7.2	49
	A1504640-570	7.5:5	T400	1.5	5.0	8.2	7.75	7.5	8.2	60
	A1502040-570	8:5	T400	1.5	4.63	7.9	7.75	7.5	7.9	56
	A1503540-570	9.375:5	T400	1.5	5.0	8.4	7.75	7.5	8.4	61
	A1509540-570	10:1	T400	1.5	5.0	7.7	7.75	7.5	7.7	56
	A1511140-570	11:6	T400	1.5	6.0	8.9	7.75	7.5	8.9	68
	A1513440-570	12:1	T400	1.5	5.25	9.0	7.75	7.5	9.0	56
	A1514240-570	13.33:5	T400	1.5	5.0	7.9	7.75	7.5	7.9	58
	A1506140-570	15:5	T400	1.5	4.0	7.2	7.75	7.5	7.2	50



Dimensions (in.)	ACT-633	ACT-645
A	see table above	see table above
B	A + 1.25	A + 2.0
C	see table above	see table above
D	5.0	6.50
E	5.75	7.50
F	4.38	6.38
G	5.63	7.75

Additional styles available upon request. Contact factory for multiple tap requirements.

Courtesy of store.ips.us

TYPE APT-646/733

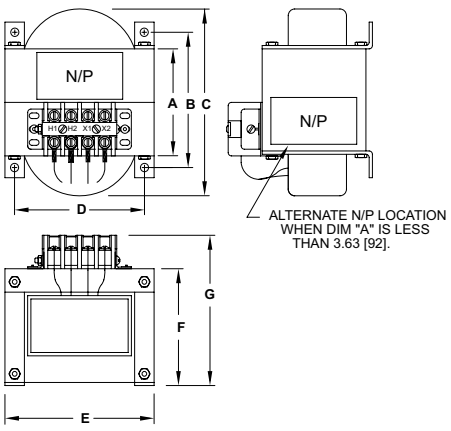
1VAP701091-DB

600 Volts
Indoor,
10 kV BIL
60 Hertz

	Primary Voltage	Secondary Voltage	Style Number	Thermal VA	IEEE Metering Accuracy	Dim A	Dim C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE APT-646	115	115	A2900090-570	150	0.6X	2.5	5.7	5.63	5.75	5.70	15
	120	120	A2900310-570	150	0.6X	2.63	5.8	5.63	5.75	5.8	15
	208	120	A2900660-570	150	0.6X	3.5	6.2	5.63	5.75	6.2	20
	240	240	A2900360-570	150	0.6X	4.0	7.2	5.63	5.75	7.2	23
	300	120	A2900860-570	250	0.6X	4.0	6.2	5.63	5.75	6.2	21
	480	120	A2900870-570	250	0.6X	3.5	5.9	5.63	5.75	5.9	19

	Primary Voltage	Secondary Voltage	Style Number	Thermal VA	IEEE Metering Accuracy	Dim A	Dim C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
TYPE APT-733	70	120	A2300030-570	500	0.6X	4.0	6.6	7.75	7.50	6.6	41
	120	120	A2300018-570	500	0.6X	3.0	5.9	7.75	7.50	5.9	31
	480	220	A2300016-570	2000	0.6X	6.0	8.6	7.75	7.50	8.6	61
	1075	120	A2300017-570	150	0.6X	2.63	5.0	7.75	7.50	5.1	27
	1200	120	A2300014-570	150	0.6X	4.0	6.0	7.75	7.50	6.0	42

store.ips.us



Dimensions (in.)	APT-646	APT-733
A	see table above	see table above
B	A + 1.25	A + 2.0
C	see table above	see table above
D	5.0	6.50
E	5.75	7.50
F	4.38	6.38
G	5.63	7.75

* Accuracy is maintained from 90% through 110% of rated voltage.

Courtesy of store.ips.us

TYPE BYZ-863/865

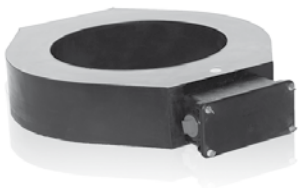
15000 & 25000 Volts
Indoor/outdoor
110 kV & 150 kV BIL
60 Hertz
Primary current ratios:
50:5 to 200:5

Note: Additional mounting options offered for zero-sequence CTs. Units are custom manufactured to customer specifications. Contact factory to discuss other options.

When ordering a 15 kV or 25 kV rated zero-sequence CT, include the following information:

- Min. inside diameter (ID): _____ in. [mm] (std min is 4.5"/phase)
- Max. outside diameter (OD): _____ in. [mm] (std min. is 26")
- Current ratio: _____ (standards are 50:5, 100:5, or 200:5 SR)
- Accuracy and burden requirements, for example -
  Relaying: _____ (standards are C50, C100, or C200)
  If IEC ratings, list class and burden _____ (e.g. class 5P20-40 VA)
- Continuous rating factor: _____ (std. is RF=2.0)
- Frequency: _____ (std is 60 Hz)
- Conduit box hub size: _____ (std is 1" NPT)

TYPE PSZ-981



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

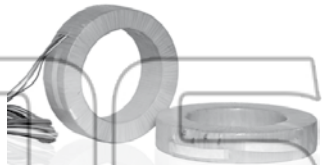
Note: Additional mounting options offered for zero-sequence CTs. Units are custom manufactured to customer specifications. Contact factory to discuss other options.

When ordering zero-sequence CT, include the following:

- Min. inside diameter (ID): _____ in. [mm]
- Max. outside diameter (OD): _____ in. [mm]
- Max. allowable height (HT): _____ in. [mm]
- Current ratio: _____ (standards are 50:5, 100:5, or 200:5 SR)
- Accuracy and burden requirements, for example -
  Relaying: _____ (standards are C50, C100, or C200)
  If IEC ratings, list class and burden _____ (e.g. class 5P20-40 VA)
- Continuous rating factor: _____ (std. is RF=2.0)
- Frequency: _____ (std is 60 Hz)
- Conduit box hub size: _____ (std is 1" NPT)

1VAP428582-DB

TYPE BCT-605/BH-001



600 Volts
Indoor
60 Hertz

Note: Mounting hardware not supplied. Units are custom manufactured to customer specifications. Contact factory to discuss other options.

When ordering BCTs, include the following information:

- Min. inside diameter (ID): _____ in. [mm]
- Max. outside diameter (OD): _____ in. [mm]
- Max. allowable height (HT): _____ in. [mm]
- Current ratio and taps, if any: _____ (:5A or :1A / SR, DR, MR)
- Accuracy and burden requirements, for example -
  Metering: _____ (0.3B0.1 through B1.8)
  High accuracy: _____ (0.15)
  Relaying: _____ (C100, C200, C400, or C800, or other)
  If IEC ratings, list class and burden _____ (e.g. class 0.2-20 VA, 5P20-40 VA)
- Continuous rating factor: _____ (std. is RF=2.0)
- Frequency: _____ (std is 60 Hz)
- Lead length and type: _____, size - _____ (std is #10 AWG THHN)
- Used - Above oil: _____ (y/n) or Dry surroundings: _____ (y/n)

1VAP701301-DB

TYPE SP-061

600 Volts
Outdoor
10 kV BIL
60 Hertz

Note: Split-core CTs must be mounted flat using resin pads or mounting brackets. Units are custom manufactured to customer specifications. Contact factory to discuss other options.

When ordering split-core CTs, include the following information:

- Min. inside diameter (ID): _____ in. [mm]
- Max. outside diameter (OD): _____ in. [mm]
- Max. allowable height (HT): _____ in. [mm]
- Current ratio and taps, if any: _____ (:5A or :1A / SR, DR, MR)
- Accuracy and burden requirements, for example -
  Metering: _____ (0.3B-0.1 through B-1.8)
  Relaying: _____ (C100, C200, C400, or C800, or other)
  If IEC ratings, list class and burden _____ (e.g. class 0.2-20 VA, 5P20-40 VA)
- Continuous rating factor: _____ (std. is RF=2.0)
- Frequency: _____ (std is 60 Hz)
- Conduit box hub size: _____ (std is 1" NPT)

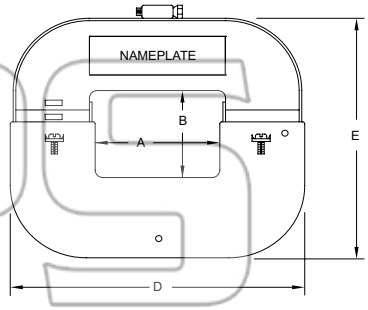
store.ips.us

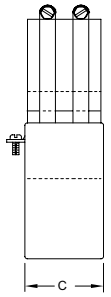
Courtesy of store.ips.us

TYPE CO-9740

1VAP701121-DB

600 Volts
Indoor
10 kV BIL
60 Hertz





	Primary Amps	Style Number	IEEE Metering Accuracy	Relay Accuracy	Rating factor @ 30°C	Dim E Height (in.)	Dim D Width (in.)	Dim C Length (in.)	Weight (lbs.)
2.75" x 2.75" window (Dim A and B)									
	300	A19R27S03-570	1.2B-0.1	C20	1.5	6.0	6.0	4.50	20
	400	A19R27S04-570	1.2B-0.1	C50	1.5	6.0	6.0	4.50	20
	500	A19R27S05-570	1.2B-0.1	C50	1.5	6.0	6.0	4.50	20
	600	A19R27S06-570	1.2B-0.1	C75	1.5	6.0	6.0	4.50	20
	800	A19R27S08-570	0.6B-0.2	C100	1.5	6.0	6.0	4.50	20
5.5" x 5.5" window (Dim A and B)									
	300	A19R55S03-570	1.2B-0.1	C20	1.5	8.75	8.75	4.50	27
	400	A19R55S04-570	1.2B-0.1	C50	1.5	8.75	8.75	4.50	27
	500	A19R55S05-570	1.2B-0.1	C50	1.5	8.75	8.75	4.50	27
	600	A19R55S06-570	1.2B-0.1	C75	1.5	8.75	8.75	4.50	27
	800	A19R55S08-570	0.6B-0.2	C100	1.5	8.75	8.75	4.50	27
	1000	A19R55S10-570	0.6B-0.2	C100	1.5	8.75	8.75	4.50	27
	1200	A19R55S12-570	0.3B-0.5	C150	1.5	8.75	8.75	4.50	27
	1500	A19R55S15-570	0.3B-0.9	C150	1.5	8.75	8.75	4.50	27
	1600	A19R55S16-570	0.3B-0.9	C200	1.5	8.75	8.75	4.50	27
	2000	A19R55S20-570	0.3B-1.8	C200	1.5	8.75	8.75	4.50	27
9.0" x 9.0" window (Dim A and B)									
	600	A19R90S06-570	1.2B-0.1	C75	1.5	12.63	12.63	4.50	40
	800	A19R90S08-570	0.6B-0.2	C100	1.5	12.63	12.63	4.50	40
	1000	A19R90S10-570	0.6B-0.2	C100	1.5	12.63	12.63	4.50	40
	1200	A19R90S12-570	0.3B-0.5	C150	1.5	12.63	12.63	4.50	40
	1500	A19R90S15-570	0.3B-0.9	C150	1.5	12.63	12.63	4.50	40
	1600	A19R90S16-570	0.3B-0.9	C200	1.5	12.63	12.63	4.50	40
	2000	A19R90S20-570	0.3B-1.8	C200	1.5	12.63	12.63	4.50	40
	3000	A19R90S30-570	0.3B-1.8	C300	1.5	12.63	12.63	4.50	40
	4000	A19R90S40-570	0.3B-1.8	C400	1.0	12.63	12.63	4.50	40

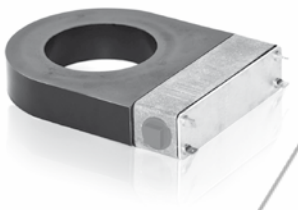
One second thermal/mechanical ratings: 80 x full winding I_{nom} / unlimited mechanical.

store.ips.us

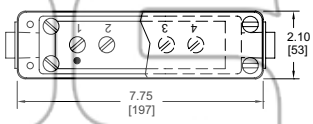
Courtesy of store.ips.us

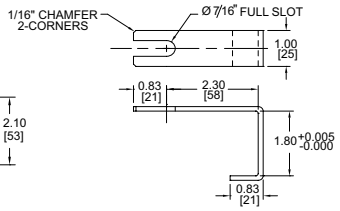
TYPE SCADA-BEH

1VAP701001-DB



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz





Primary Amps	Style Number	Accuracy/Burden	Window Diam. (in.)	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	A370100S47	± 10% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
150	A370150S47	± 10% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
200	A370200S47	± 5% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
250	A370250S47	± 5% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
300	A370300S47	± 3% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
300 MR	A370300M47	± 2.5% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
300 MR	A370300M55	TBD	4.75	2.0	10.5	8.0	2.1	8-9
400	A370400S47	± 3% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
450	A370450S47	± 3% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
450 MR	A370450M47	± 2.5% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
500	A370500S47	± 3% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
600	A370600S47	± 3% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
600	A370600S55	± 3% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
600 MR	A370600M55	± 2.5% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
800	A370800S55	± 3% - 2.5 VA	4.75	2.0	10.5	8.0	2.1	8-9
1000	A371000S55	± 3% - 2.5 VA	4.75	1.5	10.5	8.0	2.1	8-9
1200	A371200S55	± 3% - 2.5 VA	4.75	1.5	10.5	8.0	2.1	8-9

MR = multi ratio
One second thermal/mechanical ratings: 80 x full winding I_{nom} / unlimited mechanical.

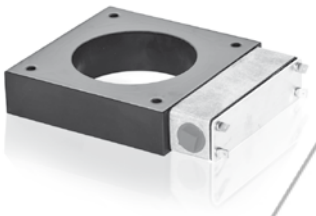
Catalog numbers ending in “47” have a 4¾" window; ending in “55” have a 5½" window.

store.ips.us

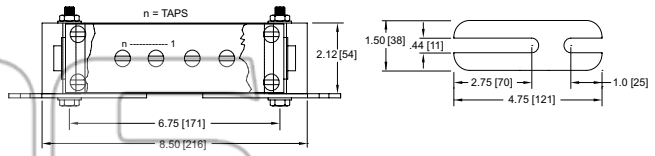
Courtesy of store.ips.us

TYPE SCADA-DEH

1VAP701021-DB



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz
Primary current ratios:
50:5 to 4000:5



Primary Amps	Style Number	Accuracy/Burden Metering*	Accuracy/Burden Relay	Window Diam. (in.)	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
300 MR	A03S0001-570	-	C10	5.75	2.0	11.12	8.50	2.12	16-17
450 MR	A03S0002-570	-	C15	5.75	2.0	11.12	8.50	2.12	16-17
600	A03S0009-570	0.3B-0.5	–	5.75	2.0	11.12	8.50	2.12	16-17
600 MR	A03S0012-570	-	C25	5.75	2.0	11.12	8.50	2.12	16-17
600	A03S0014-570	0.3B-0.2	–	5.75	2.0	11.12	8.50	2.12	16-17
800 MR	A03S0020-570	-	C30	5.75	2.0	11.12	8.50	2.12	16-17
1200 MR	A03S0018-570	-	C50	5.75	2.0	11.12	8.50	2.12	16-17

MR = multi ratio. Available in single, dual, and multi-ratio designs.

One second thermal/mechanical ratings: 80 x full winding I_{nom} / unlimited mechanical.

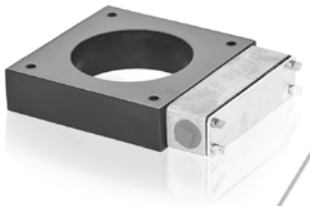
* Units can be certified for revenue metering. Change “570” of catalog number to “590”.

store.ips.us

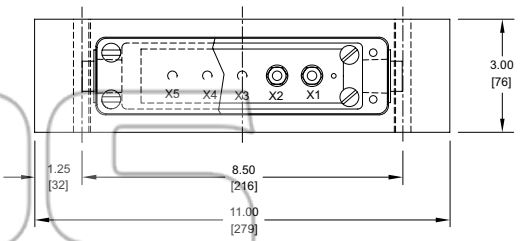
Courtesy of store.ips.us

TYPE SCADA-CEH

1VAP701041-DB



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz



Primary Amps	Style Number	Accuracy/Burden Metering*	Accuracy/Burden Relay	Window Diam. (in.)	Rating Factor @ 30°C	Height (in.)	Width (in.)	Length (in.)	Weight (lbs.)
100	A0101S01-570	±10% - 1VA	-	8.13	2.0	13.8	11.0	3.0	20-22
200	A0102S01-570	1.2B-0.1	-	8.13	2.0	13.8	11.0	3.0	20-22
300	A0103S01-570	0.6B-0.1	C5	8.13	2.0	13.8	11.0	3.0	20-22
400	A0104S01-570	0.3B-0.1	C10	8.13	2.0	13.8	11.0	3.0	20-22
500	A0105S01-570	0.3B-0.2	C15	8.13	2.0	13.8	11.0	3.0	20-22
600	A0106S01-570	±3% - 5VA	C15	8.13	2.0	13.8	11.0	3.0	20-22
800	A0108S01-570	0.3B-0.5	C20	8.13	2.0	13.8	11.0	3.0	20-22
1000	A0110S01-570	0.3B-0.5	C30	8.13	2.0	13.8	11.0	3.0	20-22
1200	A0112S01-570	0.3B-0.9	C40	8.13	2.0	13.8	11.0	3.0	20-22
1500	A0115S01-570	0.3B-0.9	C50	8.13	2.0	13.8	11.0	3.0	20-22
1600	A0116S01-570	0.3B-0.9	C50	8.13	2.0	13.8	11.0	3.0	20-22
2000	A0120S01-570	0.3B-1.8	C35	8.13	2.0	13.8	11.0	3.0	20-22
2500	A0125S01-570	0.3B-1.8	C40	8.13	1.5	13.8	11.0	3.0	20-22
3000	A0130S01-570	0.3B-1.8	C50	8.13	1.33	13.8	11.0	3.0	20-22
4000	A0140S01-570	0.3B-1.8	C50	8.13	1.0	13.8	11.0	3.0	20-22
5000	A0150S01-570	0.3B-1.8	-	8.13	1.0	13.8	11.0	3.0	20-22
6000	A0160S01-570	0.3B-1.8	-	8.13	1.0	13.8	11.0	3.0	20-22

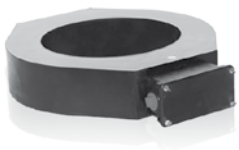
Available in dual and multi-ratio designs.

One second thermal/mechanical ratings: 60 x full winding I_{nom} / unlimited mechanical.

* Units can be certified for revenue metering. Change “570” of catalog number to “590”.

TYPES PS-981/PH-982

1VAP701261-DB



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Note: Many mounting options offered. Units are custom manufactured to customer specifications. Contact factory to discuss other options.

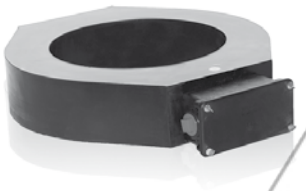
When ordering slip-over CTs, include the following information:

- Min. inside diameter (ID): _____ in. [mm]
- Max. outside diameter (OD): _____ in. [mm]
- Max. allowable height (HT): _____ in. [mm]
- Current ratio and taps, if any: _____ (:5A or :1A / SR, DR, MR)
- Accuracy and burden requirements, for example
  Metering: _____ (0.3B-0.1 through B1.8)
  High accuracy: _____ (0.15)
  Relaying: _____ (C100, C200, C400, or C800, or other)
  If IEC ratings, list class and burden _____ (e.g. class 0.2-20 VA, 5P20-40 VA)
- Continuous rating factor: _____ (std. is RF=2.0)
- Frequency: _____ (std is 60 Hz)
- Conduit box hub size: _____ (std. is 1" NPT)

Courtesy of store.ips.us

TYPE ACCUSlip™

1VAP701261-DB



600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

Nominal current ratio

ID x OD	100:5	150:5	200:5	300:5	400:5	500:5	600:5	800:5	1000:5	1200:5 & up
RF	2.0	2.0	2.0	3.0-4.0	4.0	4.0	4.0	4.0	3.0	see note
HT	8.75"	8.75"	8"	6"-8"	6"-8"	6"-8"	6"	6"	6"	3"-6"
6 x 16	0.3B-0.1 class only	0.3B-0.2 class only	0.15B-0.2 - 5% 0.3B-0.9	0.15B-0.5 0.3B-0.9 - 10%	0.15B-0.5 - 5% 0.3B-0.9 - 10%	0.15B-0.5 - 5% 0.15B-0.9 0.3B-1.8	0.15B-1.8 - 5%	0.15B-0.9 - 5% 0.3B1.8 - 5%	0.15B-0.9 - 5% 0.15B-1.8 - 10%	0.15B-0.9 - 5% 0.15B-1.8 - 10% May be lower as ratio increases - will possibly hold accuracy down to 1%
8 x 18							0.15B-0.9 - 5% 0.15B-1.8 - 10%			
10 x 20										
12 x 22			0.15B-0.2 - 10% 0.3B-0.9				0.15B-0.5 - 5% 0.15B-0.9 0.3B-1.8			
14 x 24										
16 x 26			0.15B-0.2 0.3B-0.9	0.15B-0.2 0.3B-0.9						
18 x 28										
20 x 30										
22 x 32										
24 x 34			0.3B-0.1 - 5% 0.3B-0.2/B-0.4 0.6B-0.5		0.15B-0.2 - 5% 0.15B-0.5 0.3B-0.9	0.15B-0.5 - 5% 0.3B-0.9 - 10% 0.3B-1.8	0.15B-0.9 - 10% 0.3B-1.8			
26 x 36										
28 x 38								0.15B-0.5 - 5% 0.15B-0.9 0.3B-1.8		
30 x 40					0.15B-0.2 - 5% 0.3B-0.5 0.6B-0.9		0.15B-0.5 - 5% 0.15B-0.9 0.3B-1.8			
32 x 42										
34 x 44										
36 x 46										

store.ips.us

Notes:

Rating factor: unless otherwise noted
-1000:5 through 2000:5, RF 3.0
-2500:5 through 3000:5, RF 2.0
-4000:5 and above, RF 1.5

This is intended to assist the engineer in selecting the metering range desired by CT size and current ratio. The standard accuracy class as defined by IEEE C57.13 states that the accuracy at 10% rated current can be twice the accuracy class by which it is rated at nominal current, and must be in that same class from 100% rated current through the CT rating factor. This table is based on test results of various designs produced and is subject to change. It is to be used as a guide only; for actual performance, contact the factory.

This table provides the lowest measurable range obtainable, based on actual test data, the CT will deliver to the rated burden. If a percentage is missing, it is assumed to respond as defined. For stated percentages, the accuracy will be maintained from that percentage of rated current through its rating factor.

For other sizes and special burden requirements, consult the factory. Non-standard burdens or adjustment to fixed burdens are possible. No units will be available with build-ups and/or heights less than 2.25".

Courtesy of store.ips.us

TYPE PSG-981

1VAP701331-DB

600 Volts
Indoor/outdoor
10 kV BIL
60 Hertz

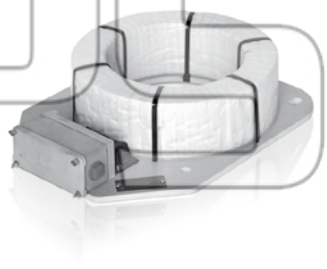
Note: Units are custom manufactured to customer specifications. Contact factory to discuss other options.

When ordering molded resin generator CTs, include the following information:

- Min. inside diameter (ID): _____ in. [mm]
- Max. outside diameter (OD): _____ in. [mm]
- Max. allowable height (HT): _____ in. [mm]
- Current ratio: _____ (:5A or :1A)
- Number of cores: _____ (1, 2, or 3)
- Accuracy and burden requirements, for example -
  Metering: _____ (IEEE C57.13 or IEC 60044-1)
  Relaying: _____ (IEEE C57.13 or IEC 60044-1)
- Continuous rating factor: _____ (std. is RF=1.0 @ 55°C)
- Mounting hole arrangement: _____, size - _____ (e.g. 34" BC, (4) 3/4" diameter holes
- Frequency: _____ (50, 60 Hz, or other)
- Conduit box hub size: _____ (std is 1" NPT)

Options:
These units can be stacked on top of one another, but it is highly recommended that some space exists to allow for air circulation and cooling. Through careful calculation, steel selection, and testing, existing current transformer characteristics can be matched. Existing characteristic curve is required. Contact factory for other needs.

TYPES GCT-848/HW-945/ GCT-802 and ISO-Phase Bus Current Transformers



600 Volts
Indoor/outdoor
10 kV BIL
50 and/or 60 Hertz

Primary current ratios:
Available up to 50000:5

When ordering generator CTs, include the following information:

- Min. inside diameter (ID): _____ in. [mm]
- Max. outside diameter (OD): _____ in. [mm]
- Max. allowable height (HT): _____ in. [mm]
- Current ratio: _____ (:5A or :1A)
- Number of cores: _____ (1 - GCT-848; 2, 3, 4, or 5 - HW-945)
- Accuracy and burden requirements, for example -
  Metering: _____ (IEEE C57.13 or IEC 60044-1)
  Relaying: _____ (IEEE C57.13 or IEC 60044-1)
- Continuous rating factor: _____ (std. is RF=1.0 @ 55°C)
- Mounting hole arrangement: _____, size - _____ (e.g. 34" BC, (4) 3/4" diameter holes
- For GCT-802, lead length and type: _____, size _____ (std is #10 AWG)
- Frequency: _____ (50, 60 Hz, or other)
- Conduit box hub size: _____ (std is 1" NPT)
- Specify with or without mounting board

Note: Units are custom manufactured to customer specifications. Contact factory to discuss other options.

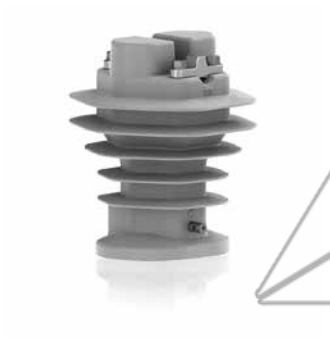
Options:
These units can be provided in a pre-assembled array of two (2) to five (5) GCTs (HW-945). The unit can also be provided without an insulating board and #10 TEFZEL leads (GCT-802). Through careful calculation, steel selection, and testing, existing current transformer characteristics can be matched. Existing characteristic curve is required. Contact factory for other needs.

IPS
steelartpads

Courtesy of store.ips.us

1VAP500007-DB

TYPE VCS-110



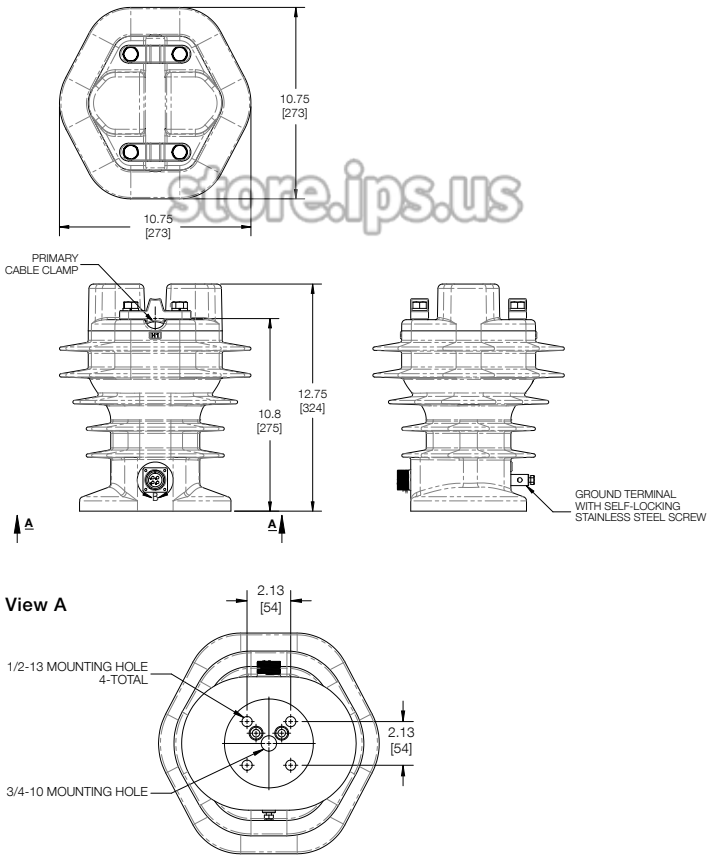
15 kV
Outdoor
110 kV BIL
60 Hertz
Combination current and voltage line post sensor

IPS

Product details	
Description	**Specification**
System voltage (L-L)	15 kV (IEC: 17.5 kV)
BIL	110 kV
Voltage	120 V output
Accuracy	<1%
Standard ratios*	60:1, 63.5:1, 70:1
Load instrument impedance	1 MΩ
Current	10 V output
Accuracy	<2% from 10% to 100% of rated current (60 A - 600 A)
Standard ratios	600 A:10 V
Frequency	60 Hz (IEC: 50 Hz)
Insulating material	HCEP
Strike	8" (203 mm)
Creep	20.25" (514 mm)
Weight	33 lbs. (15 kg)
Cantilever strength	2800 ft-lbs.
Temperature range	-50°C to 70°C
Power frequency withstand	34 kV
Installation	Live wire mountable
Conductor range	#4 AWG - 600 MCM
Mounting	Vertical only
Connector	Amphenol
Cable length	Up to 49' (15 m)
Color	ANSI 70 Gray

* Custom ratios available on request

Unit dimensions



store.ips.us

Primary volts	Secondary volts	Voltage ratio	Current ratio
7200	120	60:1	600:1
7620	120	63.5:1	600:1
8400	120	70:1	600:1

Style number		
5 meter cable	**10 meter cable**	**15 meter cable**
E-923A568G01	E-923A569G01	E-923A570G01
E-923A568G02	E-923A569G02	E-923A570G02
E-923A568G03	E-923A569G03	E-923A570G03

Courtesy of store.ips.us

1VAP500002-DB

TYPE WLS-110

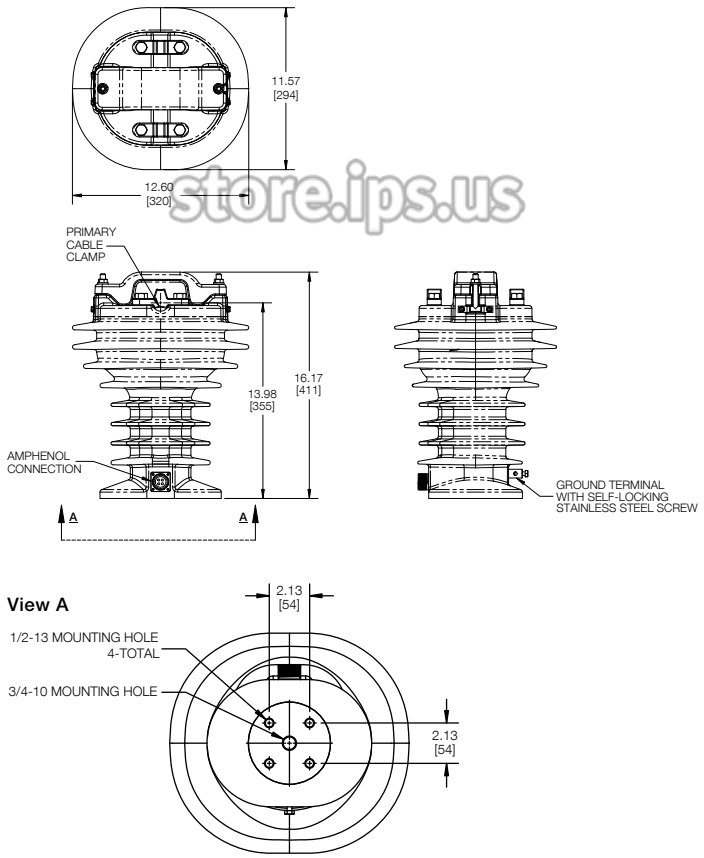
15 kV
Outdoor
110 kV BIL
60 Hertz
Combination current and voltage line post sensor

IPS

Product details	
Description	**Specification**
System voltage (L-L)	15 kV (IEC: 17.5 kV)
BIL	110 kV
Voltage	120 V output
Accuracy	<1%
Standard ratios*	60:1, 63.5:1, 70:1
Load instrument impedance	1 MΩ
Current	1A output
Accuracy	<1% from 10% to 200% of rated current (60 A - 1200 A)
Standard ratios	600:1A
Frequency	60 Hz (IEC: 50 Hz)
Insulating material	Hydrophobic cycloaliphatic epoxy (HCEP)
Strike	13.1" (335 mm)
Creep	31.1" (790 mm)
Weight	50 lbs (22.7 kg)
Cantilever strength	2800 lbs.
Temperature range	-40°C to 85°C
Power frequency withstand	34 kV
Installation	Live wire mountable
Conductor range	#4 AWG - 600 MCM
Mounting	Vertical only
Connector	Amphenol
Cable length	Up to 49' (15 m)
Color	ANSI 70 Gray

* Custom ratios available on request

Unit dimensions



store.ips.us

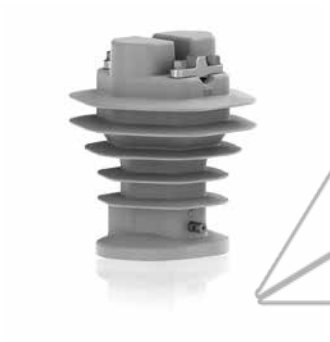
Primary volts	Secondary volts	Voltage ratio	Current ratio
7200	120	60:1	600:1
7620	120	63.5:1	600:1
8400	120	70:1	600:1

Style number		
5 meter cable	**10 meter cable**	**15 meter cable**
E-923A531G01	E-923A530G01	E-923A529G01
E-923A531G02	E-923A530G02	E-923A529G02
E-923A531G03	E-923A530G03	E-923A529G03

Courtesy of store.ips.us

TYPE VKS-110

1VAP500008-DB



15 kV
Outdoor
110 kV BIL
60 Hertz
Current line post sensor

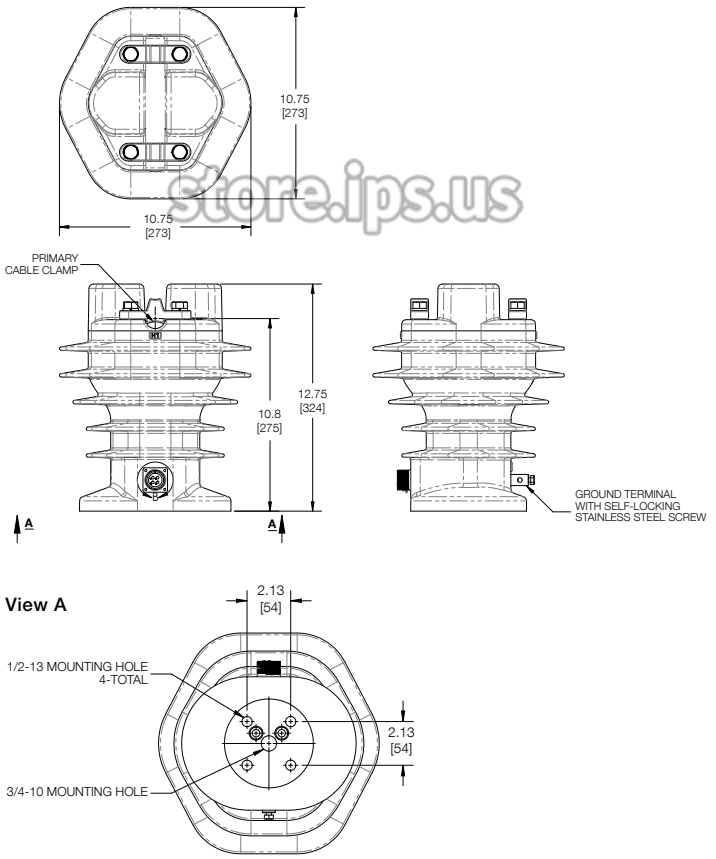
IPS

Product details	
Description	**Specification**
System voltage (L-L)	15 kV (IEC: 17.5 kV)
BIL	110 kV
Load instrument impedance	1 MΩ
Current	10 V output
Accuracy	<2% from 10% to 100% of rated current (60 A - 600 A)
Standard ratios	600 A:10 V
Frequency	60 Hz (IEC: 50 Hz)
Insulating material	HCEP
Strike	8" (203 mm)
Creep	20.25" (514 mm)
Weight	33 lbs. (15 kg)
Cantilever strength	2800 ft-lbs.
Temperature range	-50°C to 70°C
Power frequency withstand	34 kV
Installation	Live wire mountable
Conductor range	#4 AWG - 600 MCM
Mounting	Vertical only
Connector	Amphenol
Cable length	Up to 49' (15 m)
Color	ANSI 70 Gray

* Custom ratios available on request

	Style number		
Current ratio	**5 meter cable**	**10 meter cable**	**15 meter cable**
600:1	E-923A571G01	E-923A571G02	E-923A571G03

Unit dimensions



store.ips.us

Courtesy of store.ips.us

TYPE KLS-110

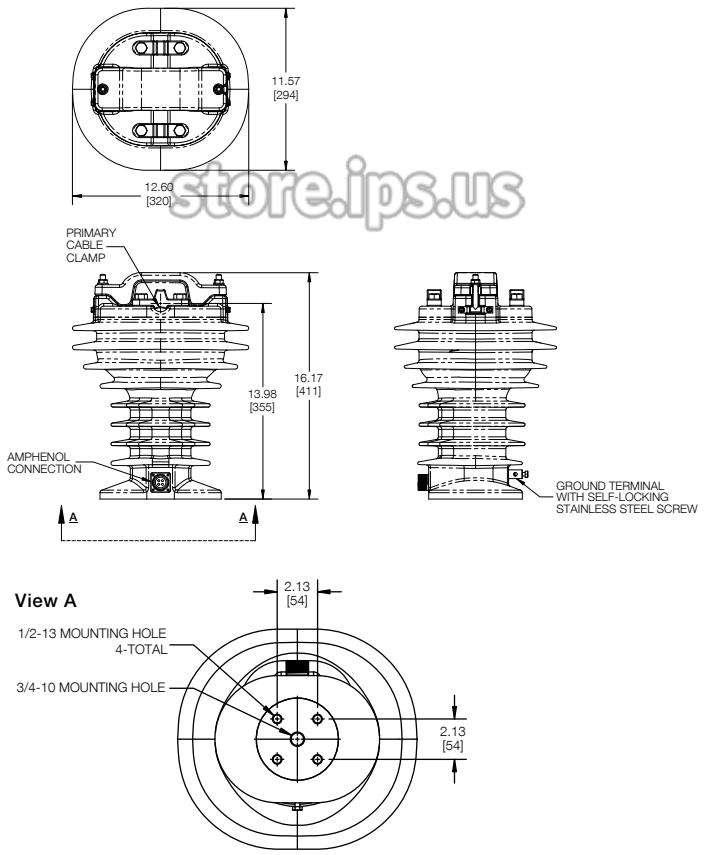
15 kV
Outdoor
110 kV BIL
60 Hertz
Current line post sensor

IPS

Product details	
Description	**Specification**
System voltage class (L-L)	15 kV (IEC: 17.5 kV)
BIL	110 kV
Accuracy	<1% from 10% to 200% of rated current (60A - 1200A)
Standard ratio	600:1A
Frequency	60 Hz (IEC: 50 Hz)
Insulating material	Hydrophobic cycloaliphatic epoxy (HCEP)
Strike	13.1" (335 mm)
Creep	31.1" (790 mm)
Weight	50 lbs. (22.7 kg)
Cantilever strength	2800 lbs.
Temperature range	-40° to 85°C
Power frequency withstand	34 kV
Installation	Live wire mountable
Conductor range	#4 AWG – 600 mcm
Mounting	Vertical only
Connector	Amphenol
Cable length	Up to 49' (15 m)
Color	ANSI 70 Gray

Current ratio	Cable length	Style number
600:1	5 meters	E-923A537G01
600:1	10 meters	E-923A536G01
600:1	15 meters	E-923A535G01

Unit dimensions



store.ips.us

Courtesy of store.ips.us

TYPES VLS-110, -150, and -200

VLS-110: 1VAP500001-DB
VLS-150: 1VAP500005-DB
VLS-200: 1VAP500006-DB

15-35 kV
Outdoor
110-200 kV BIL
60 Hertz
Voltage sensors

Product details	VLS-110	VLS-150	VLS-200
System voltage class (L-L)	15 kV (IEC: 17.5 kV)	25 kV (IEC: 24 kV)	35 kV (IEC: 36 kV)
BIL	110 kV	150 kV	200 kV
Secondary voltage	120 V	120 V	120 V
Accuracy	<1%	<1%	<1%
Standard ratios*	60:1, 63.5:1, 70:1	100:1, 110:1, 120:1	134.1:1, 140:1, 166:1, 167.7:1
Frequency	60 Hz (IEC: 50 Hz)	60 Hz (IEC: 50 Hz)	60 Hz (IEC: 50 Hz)
Insulating material	Hydrophobic cycloaliphatic epoxy (HCEP)	Hydrophobic cycloaliphatic epoxy (HCEP)	Hydrophobic cycloaliphatic epoxy (HCEP)
Load instrument impedance	1 MΩ	1 MΩ	1 MΩ
Height	11.34" (288 mm)	16.26" (413 mm)	20.59" (523 mm)
Diameter	5.91" (150 mm)	5.91" (150 mm)	6.69" (170 mm)
Strike	9.7" (246 mm)	14.4" (366 mm)	19.2" (488 mm)
Creep	20.3" (515 mm)	33.3" (847 mm)	47.5" (1207 mm)
Weight	10 lbs. (4.5 kg)	15 lbs. (6.8 kg)	21 lbs. (9.5 kg)
Temperature range	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Power frequency withstand	34 kV	50 kV	70 kV
Installation	Crossarm mounted	Crossarm mounted	Crossarm mounted
Standard cable lengths**	16.4' (5 m), 32.8' (10 m), or 49.2' (15 m)	16.4' (5 m), 32.8' (10 m), or 49.2' (15 m)	16.4' (5 m), 32.8' (10 m), or 49.2' (15 m)
Color	ANSI 70 Gray	ANSI 70 Gray	ANSI 70 Gray

store.ips.us

* Custom ratios available on request

** Contact the factory for additional cable lengths

Note: Performance is optimized with cable length provided from the factory. Cutting or using a different cable will impact accuracy. Contact factory before modifying the cable.

Type	Primary volts	Secondary volts	Voltage ratio	Style number 5 meter cable	Style number 10 meter cable	Style number 15 meter cable
VLS-110	7200	120	60:1	E-923A527G01	E-923A526G01	E-923A523G01
VLS-110	7620	120	63.5:1	E-923A527G02	E-923A526G02	E-923A523G02
VLS-110	8400	120	70:1	E-923A527G03	E-923A526G03	E-923A523G03
VLS-150	12000	120	100:1	E-923A539G01	E-923A541G01	E-923A542G01
VLS-150	13200	120	110:1	E-923A539G02	E-923A541G02	E-923A542G02
VLS-150	14400	120	120:1	E-923A539G03	E-923A541G03	E-923A542G03
VLS-200	16092	120	134.1:1	E-923A549G01	E-923A550G01	E-923A551G01
VLS-200	16800	120	140:1	E-923A549G02	E-923A550G02	E-923A551G02
VLS-200	19920	120	166:1	E-923A549G03	E-923A550G03	E-923A551G03
VLS-200	20125	120	167.7:1	E-923A549G04	E-923A550G04	E-923A551G04

Courtesy of store.ips.us

1VAP500004-DB

TYPE LVS

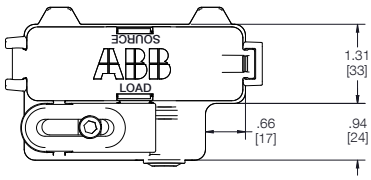
15 kV
Outdoor
110 kV BIL
60 Hertz
Low voltage split-core current transformer sensor

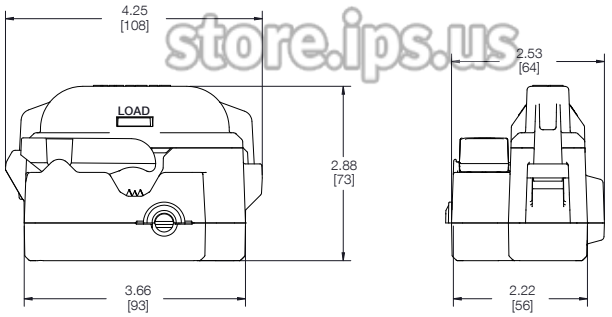
IPS

Product details

Description	Specification
Voltage insulation class	300 V
Voltage output	120 V
Current output ratio	200:1 A
Accuracy	1.2B-0.1
Burden	B 0.1Ω
Frequency	50/60 Hz
Insulating material	Outdoor application thermoplastic housing
Dimensions	4.25" L x 2.60" W x 2.80" H (108 mm L x 66 mm W x 71 mm H)
Inner diameter	0.68" (17 mm) (accommodates cable up to 4/0 AWG at allowable ampacity)
Embedded cable length	7'
Wiring connections	Green: voltage
	White: X1 (current +)
	Black: X2 (current -)
Weight	1.35 lb (0.6 kg) (includes cable)
Temperature range	-50°C to 70°C

Unit dimensions



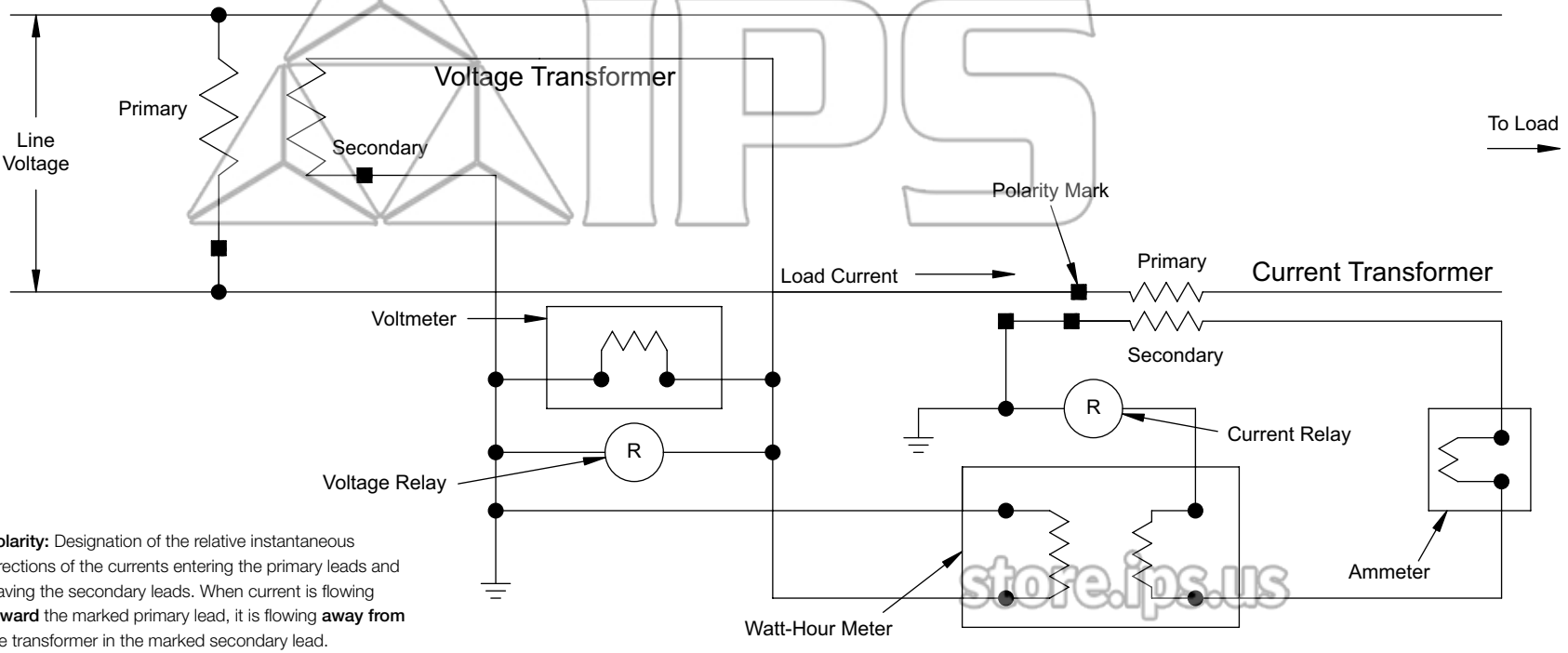


store.ips.us

Type	Current ratio	Cable length	Style number
LVS	200:1	7 meters	923A522G02
LVS-N (neutral connector)	N/A	7 meters	923A538G01

Courtesy of store.ips.us

Courtesy of store.ips.us



Polarity: Designation of the relative instantaneous directions of the currents entering the primary leads and leaving the secondary leads. When current is flowing **toward** the marked primary lead, it is flowing **away from** the transformer in the marked secondary lead.

INSTRUMENT TRANSFORMERS isolate meters or other instruments from high voltages and currents and transforms them (i.e., step-down) to values where they can be measured by standard meters.

All instrument transformers are classified as either current transformers or voltage transformers. They are used for revenue metering and also with relays and indicating instruments.

Current Transformers (CT)

The primary windings of current transformers are connected in series with the line and their secondaries connected to the current coils or elements of meters, relays or instruments. All standard current transformers have a 5 Ampere rated secondary regardless of their primary current.

Each current transformer has specifications based on continuous current, short time current, and mechanical stress. There are two accuracy classifications: one for metering and one for relaying. The metering accuracy classification tells what error in transformation can be expected at normal currents. The relaying accuracy classification tells what percent accuracy can be expected when the secondary is called upon to induce a certain voltage.

The secondary of the current transformer should always be connected to a load (burden) or short circuited. If the secondary is open circuited, the transformer may develop a dangerously high secondary voltage.

Rating Factor: The factor by which the nameplate primary current of a CT is multiplied to obtain maximum primary current that can be carried continuously without exceeding the limiting temperature rise. The accuracy class at the rating factor point should be the same as at nameplate rating.

Voltage Transformers (VT)

The primary windings of voltage transformers are connected across the line. They step down the line voltage to a value suitable for standard meters, normally 115 Volts or 120 Volts.

In basic construction, voltage transformers are much like distribution transformers except that the current and the kVA capacity are very low. They are designed to give an accurate voltage transformation.

Selection

A number of considerations are involved in selecting proper instrument transformers including: system voltage, BIL, load current, rating factor and accuracy class at specified burdens. Physical requirements such as indoor or outdoor installation, window or bar type (for 600 V CTs), and window diameter are also important. Many of the transformer types listed in this catalog have some characteristics that are duplicated in other types listed, but each type has its own unique combination of features that best meet the application for which it was designed.

Application Data

Ampere capacity of insulated conductors

Single conductor in free air at 30°C (86° F)

Size AWG or MCM	Approximate Diameter (inches)	Types RUW T TW Cu	Types RUW T TW Al	Types RH RHW RUH THW Cu	Types RH RHW RUH THW Al
6	.397	80	60	95	75
4	.452	105	80	125	100
3	.481	120	95	145	115
2	.513	140	110	170	135
1	.588	165	130	195	155
0	.629	195	150	230	180
00	.675	225	175	265	210
000	.727	260	200	310	240
0000	.785	300	230	360	280
250	.868	340	265	405	315
300	.933	375	290	445	350
350	.985	420	330	505	395
400	1.032	455	355	545	425
500	1.119	515	405	620	485
600	1.233	575	455	690	545
700	1.304	630	500	755	595
750	1.339	655	515	785	620
800	1.372	680	535	815	645
900	1.435	700	580	870	700
1000	1.494	780	625	935	750
1250	1.676	890	710	1065	855
1500	1.801	980	795	1175	950
1750	1.916	1070	875	1280	1050
2000	2.021	1155	960	1385	1150

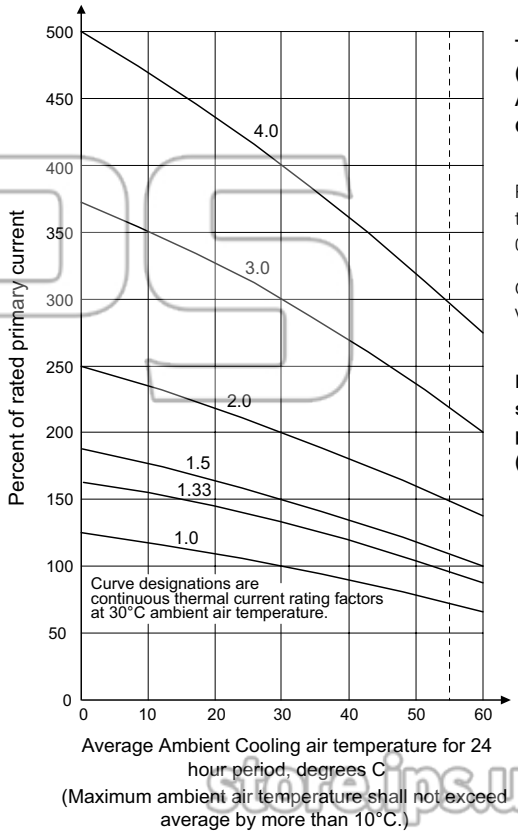
Calculation of line amperes on polyphase circuits

$$\text{Amps} = \frac{\text{Load kVA} \times 1000}{1.732 \times \text{line-to-line voltage}}$$

Applicable to both 3-phase, 3-wire delta and 3-phase, 4-wire wye.

Required diameter of CT window for multiple conductor

Number of primary conductors	Minimum Window Diameter
2	2.00 x conductor O.D.
3	2.16 x conductor O.D.
4	2.42 x conductor O.D.
5	2.70 x conductor O.D.



Typical burden value (per stator) ELSTER Type AB Poltphase Meters Class 20 transformer rated

Potential coil (per stator) at the rated Voltage. 4.2 VA at 0.18 x PF lagging

Current coil (per stator) 1.1 VA at 0.22 x PF lagging

Resistance of copper secondary wire in ohms per 1000 feet at 68°F (20°C).

Wire Size	Ohms
14	2.5250
12	1.5880
10	0.9989
8	0.6282

Common Electrical Terms

Ampere	(I)	= Unit of current or rate of flow of electricity
Volt	(E)	= Unit of electromotive force
Ohm	(R)	= Unit of resistance
Ohm's Law	E	= IR
Volt Amperes	(VA)	= Unit of apparent power = EI (single phase) = E x I x 1.73 (3 phase)
Kilovolt Amperes	(kVA)	= 1000 Volt-Amperes
Watt	W	= Unit of true power = VA x p-f = .00134 hp
Kilowatt	(kW)	= 1000 watts
Power Factor	(p-f)	= ratio of true to apparent power = W/VA or kW/kVA
Watthour	(WHR)	= Unit of electrical work = One watt for one hour = 3.413 Btu = 2.655 ft. lbs.
Kilowatthour	(kWHR)	= 1000 watthours
Horsepower	(hp)	= Measure of time rate of doing work = Equicalent of raising 33,000 lbs. one ft. in one minute = 746 watts
Demand Factor		= Ratio of maximum demand to the total connected load
Diversity Factor		=Ratio of the sum of individual maximum demands of the carious subdivisions of a system to the maximum demand of the whole system
Load Factor		= Ratio of the average load over a designated period of time to the peak load occurring in that period

store.ips.us

Courtesy of store.ips.us

Accuracy Standards

Current transformers

The accuracy classification of current transformers for metering service includes a correlation between ratio correction factor and phase angle so as to show the overall effect on watthour meter registration. The classification is based on the requirement that the transformer correction factor (the correction for overall error due to both ratio error and phase angle) be within the limits specified. For any particular accuracy class the ratio correction factor and phase angle must fall within the parallelograms for 100% and 10% current respectively.

For example, the overall correction will never exceed .3% at 100% rated current for a transformer in the 0.3 accuracy class. If the ratio correction factor is 1.003 the maximum allowable phase angle is +15.6 minutes. The transformer correction factor is:

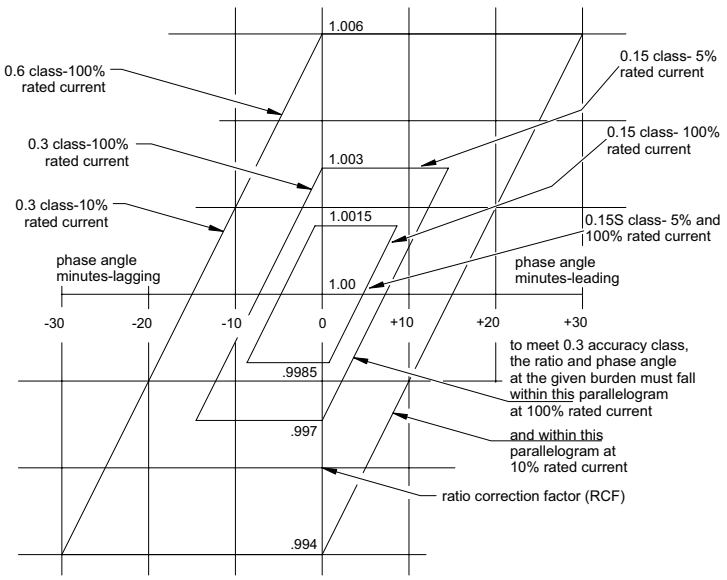
$$*TCF = RCF - \frac{\beta}{2600}$$

$$= 1.003 - \frac{15.6}{2600}$$

$$= .997$$

The corresponding ratio correction factor and phase angle for any point inside the 0.3 class parallelogram for 100% rated current will always give a transformer correction factor between .997 and 1.003.

Equivalent parallelogram



Standard burden characteristics (60 Hz and 5 ampere secondary)

Burden Designation	Resistance (ohms)	Inductance (millihenrys)	Impedance (ohms)	Volt-Amperes	Power Factor
Metering burdens					
E-0.04	0.04	0.0	0.04	1.0	1.0
E-0.2	0.20	0.0	0.20	5.0	1.0
B-0.1	0.09	0.116	0.1	2.5	0.9
B-0.2	0.18	0.232	0.2	5.0	0.9
B-0.5	0.45	0.580	0.5	12.5	0.9
B-0.9	0.81	1.040	0.9	22.5	0.9
B-1.8	1.62	2.080	1.8	45.0	0.9
Relaying burdens					
B-1	0.5	2.3	1.0	25	0.5
B-2	1.0	4.6	2.0	50	0.5
B-4	2.0	9.2	4.0	100	0.5
B-8	4.0	18.5	8.0	200	0.5

Voltage transformers

The accuracy classification of voltage transformers for metering service includes a correlation between ratio correction factor and phase angle so as to show the overall effect on watthour meter registration. The classification is based on the requirement that the transformer correction factor (the correction for overall error due to both ratio error and phase angle) be within the limits specified. For any particular accuracy class the ratio correction factor and phase angle must fall within the parallelogram. These limits apply over the voltage range of ± 10% of the rated voltage at rated frequency.

For example, the overall correction will never exceed .3% for a transformer in the 0.3 accuracy class. If the ratio correction factor is 1.003 the maximum allowable phase angle is - 15.6 minutes. The transformer correction factor is:

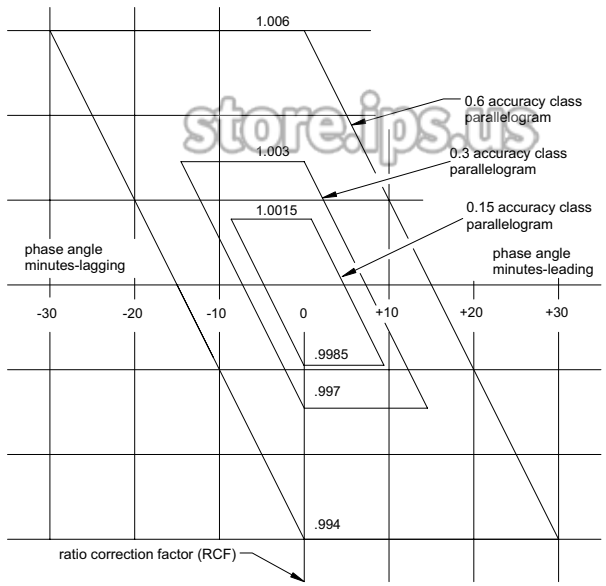
$$*TCF = RCF + \frac{\gamma}{2600}$$

$$= 1.003 + \frac{-15.6}{2600}$$

$$= .997$$

The corresponding ratio correction factor and phase angle for any point inside the 0.3 class parallelogram will always give a transformer correction factor between .997 and 1.003.

Equivalent parallelogram



Standard burdens

Burden Designation	Secondary Volt-Amperes	Burden Power Factor
W	12.5	0.10
X	25.0	0.70
M	35.0	0.20
Y	75.0	0.85
Z	200.0	0.85
ZZ	400.0	0.85

Limits of Transformer Correction Factor (TCF)

Accuracy Class	Minimum	Maximum	Limits of Power Factor of Metered Load-Lagging	
			Minimum	Maximum
1.2	0.988	1.012	0.6	1.0
0.6	0.994	1.006	0.6	1.0
0.3	0.997	1.003	0.6	1.0

Courtesy of store.ips.us

Instrument Transformer Type Designations

Key to Type Designations

	ABB	Westinghouse	1st position	2nd position (window size)	3rd position (Letters SCALE give a closer approximation of window diameter in inches)				
600 Volt									
CTs	IMC	ECI	**C**=CT, 600 V, metering accuracy		**S**	**C**	**A**	**L**	**E**
	CBT-1	RTM		S = Small 1"-2"	1.0	1.25	1.5	1.75	2.0
	CBT-H	None	**I**=CT, 600 V, indicating	M = Medium 2"-5"	2.0	2.5	3.25	4.0	5.0
	CMV	CRA		L = Large 5"-8.25"	5.0	5.5	6.5	7.5	8.25
	CMF	CTR	**R**=CT, 600 V, relaying	G = > 8.25"	F = family of window sizes; i.e., CMF with 2.5" and 3 1/16" windows				
	CSF	CSB	(burden capability exceeds normal metering requirements)						
	CSH	None		B = Bar	V = oval				
	CMS	CSB (Lg.)			T = thru type				
	CLC	CLA			H = 0.5 (half) Ohm burden				
	CLE	CLA							
	RLC	EMC							
VTs	PPW	PPI/EMP	P = VT, 600 Volt	P = Performace	I = Indicating				
	PPM	PXA (+)			M = 0.3 accuracy at 35 VA				
5 kV - 25 kV									**4th & 5th positions**
CTs	KIR-60, 11	CTM 5-15	K = CT, > 600 Volt	I = Indoor	N = 0.3B-0.5 Perf				60 = 60 kV BIL
	KIT-60, 11	UP 5-15		O = Outdoor	P = 0.3B-0.9 Perf				75 = 75 kV BIL
	KOR-60, 11	CTOM 5-15			R = 0.3B-1.8 Perf				11 = 110 kV BIL
	KON-11	CTOM 110			T = Thru type				15 = 150 kV BIL
	KOR-15	CCO 150							20 = 200 kV BIL
	KOT-60, 11	EMC 5-15							
VTs	VIY-60	PC 60	V = VT, > 600 Volt	I = Indoor	Y = 0.3 accuracy at 75 VA				Same as above
	VOY-60	PCO 60		O = Outdoor	Z = 0.3 accracy at 200 VA				
					G = Single bushing for line-to-ground connection				
	VIZ-75, 11	PTM 75, 100							
	VOZ-75, 11	PTOM 75, 110							
	VOG-11	None							
	VOZ-15	PTOM 150							
	VIZZ-15	PT 25							

store.ips.us

Courtesy of store.ips.us

Competitor Cross Reference

of most commonly used types

ABB	GE	Ritz	Itron
600 V Current Transformers			
IMC	JCH-0C		-
CBT/1	JGT-0C	DCAB	R6BA
CBT-H	JCM-0C		R6B
CSF	JCR-0C	DCBW	R6SA
CSH	JCW-0C		R6S
CMF	JAK-0C	DCCW, DCCB	R6M
CMV/CMV-High Temp	JAB-0C	DCDW/DCDW-HT	R6P
CLC	JAD-0C	DCEW/DCEB	R6L
CLE	JCD-0C		-
RLC	JCP-0C		-
600 V Voltage Transformers			
PPW			T5R
PPM	JVA-0 (0.3M only)		T6R

ABB	GE	Ritz	Kuhlman
5 - 36 kV Current Transformers			
KIR-60	JKM-3		-
KIR-75	JKM-4		-
KIR-11, 11E	JKM-5, 5A		-
KOR-60, 75	JKW-3, 4		-
KOR-11	JKW-5	GIFU 15-01	-
KON-11	JCK-5	GIFU 15-01L	-
KOR-15C	JKW-6	GIFU 25-01	-
KOT-60, 75, 11	JCD-3, 4, 5		LG(X)
KIT-60, 75, 11	JCM-3, 4, 5		LG(X)
KOR-20	JKW-7	GIFS 36-55, GIF 36-68	-
KOTD-110, 150, 200	JKW-150, 200	GIFD 25-03	LG(X)
KOTD-250	JKW-250		-
5 - 36 kV Voltage Transformers			
VIY-60	JVM-3		-
VIZ-75, 11	JVM-4, 5		-
VOY-60	JVW-3		-
VOY-11	JVW-110		-
VOZ-75, 11	JVW-4, 5		-
VOG-11	JVW-110		-
VOZ-11M	JVW-5		-
VOY-12	JVW-6		-
VOY-15, 15G	JVW-6		-
VOY-20, 20G	JVW-7		-
VOHD-200, 200G	JVW-7		-
VOZZ-15, 20	JVT-150, 200		-
VOZZ-15G, 20G	JVS-150, 200		-

Testing services

Instrument transformer on-site testing

With market deregulation expanding throughout the United States and Canada, there is an increased need for metering of power facilities and transmission points. This has increased focus on upgrading metering at these locations to provide reliable data for power flow. ABB has developed tests specific to each site situation and has test equipment and standards certified traceable to National Institute of Standard and Technology (NIST) and National Research Council of Canada (NRCC).

With state-of-the-art equipment and knowledgeable experts in instrument transformer design and instrumentation engineering, ABB is uniquely positioned to provide customers with testing options in order to meet requirements for revenue metering certification, excitation verification, and actual burden measurement and/or instrumentation system performance.

ABB testing services include on-site testing, in-service on-site testing, or de-energized on-site testing. Contact the factory at 252-827-3212 for more information.

store.ips.us

The HCEP material

Hydrophobic cycloaliphatic epoxy (HCEP)

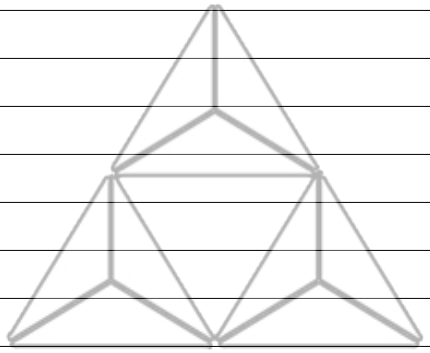
ABB's portfolio of outdoor medium voltage instrument transformers has been redesigned using cutting edge 3D simulation software. The units are now encapsulated in hydrophobic cycloaliphatic epoxy (HCEP) and manufactured using the automatic pressure gelation (APG) process.

Advanced 3D simulation models combine optimized electrical and mechanical design features and provide the most effective molded designs for reliability and performance. HCEP offers improved weatherability and outdoor aging, better performance in heavily polluted environments, and a longer service life. The global APG process effectively shortens manufacturing cycle times and ensures product consistency. The overall result is improved quality and reliability in outdoor performance!

For more information, contact your ABB Sales Representative or call the factory +1-252-827-3212.

Courtesy of store.ips.us

Notes:



IPS

store.ips.us

Courtesy of store.ips.us

Contact us

For more information please contact:

ABB Inc.
Medium Voltage Apparatus
3022 NC 43 North
Pinetops, NC 27864
USA
Phone: +1 252 827 3212
Fax: +1 252 827 4286

www.abb.com/mediumvoltage

1VAP420001-TG July 2015 Rev. N

Power and productivity
for a better world™

Courtesy of store.ips.us